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2/6

VOL. 19.

Sold by
KILMARTIN
8 Nassau Street
DUBLIN

SCOTTISH TRIP JUNE–JULY 1951.

Thurs.
28th June 1951. Left Dublin by [illegible] for Belfast & Glasgow; arrived Killin [illegible] & Lawers at [illegible] on 29th.

Friday
29th June 1951. A fine day [illegible] in forenoon [illegible] after afternoon tea walked from [illegible] down lane to pier on shore of Loch Tay, along shore to [illegible] of pier for [illegible] & up to [illegible] through fields. [illegible] (81) & along [illegible] (82).

Lane from Lawers [illegible] to Pier, Mid Perth. (81)

[illegible] Tenthredo arcuata var.

Dolerus aericeps ♂ in damp [illegible]

[illegible] pallidiventris ♀

[illegible] = [illegible] ♂, ant. 22. [illegible]

Stenomacrus ♀ : cf. ~~rufi~~ [illegible] Holmgr.?; ant 19.

[illegible] ? ♂, ant 32 =

Tryphon ? ♂ ant. 34 : near to brunniventris [illegible]

Bassus [illegible] ? ♂, ant. 19.

[illegible] ♂

Perilissus ? sp ? ♂, ant. 30.

Campoplex sp ? ♂, ant. 24; small; [illegible]

[illegible] ♂, ant. 14.

3.

29. 6 51, cont. Lane, Lawn, Mid Perth, cont.

Taken at 1 cont.

Apsilops sp. ♂ {large blackish} macropleura of {[illegible]} mediana ♀, dark var.

Mesoleptus of [illegible] ♂, belly pale on hind legs ♂

Euphorus of pallipes (♀?), ant. 22.

Perilitus maurus Spin. ♀, ant. 23: like bicolor Thom., but antennae black, body darker, antennae shorter & stouter, cf. [illegible] 1.5.1952.}
Also 3 small, all black ♂♂, which seem to be same species, ant. 22, 22 & 23.}

P. of coccinellae ♂, ant. 20.

[illegible] capitata ♀ ?, dark legs, ant 33, [illegible]; but [illegible]

Biosteres procerus 2♂♂: ant. both 42. B. [illegible] ♂, ant. 37.

Opius spp. 6 including: pendulus ♀ ant. 19, [illegible] ♀ ant. 20, [illegible] ♀ ant. 32.

O. caesus ♀, ant. 22. O. of [illegible]: small ♀, ant. 23.

O. of communis? ♂, ant. 22

Pentapleura pumilio ♀, small, ant. 18.

Phaenocarpa ruficeps ant. 26, picinervis ant. 21, & [illegible] ant. 21 1♂ each.

Aspilota spp. 10, = A. nervulifera Hal. 1♂, 1♀, ant 17 & 16, respectively.

A. [illegible] ♀ [illegible], ant. 18, & a [illegible] ♂ [illegible], large mandibles ant. 23}

A. sp. " small ♀, ant 15, [illegible]? A. sp. [illegible] ♀ ant. 19.

A. [illegible] a beautiful ♂, ant. 18 A. [illegible] typical ♀, ant 20

A. (Synaldis) concolor? ♂, ant. 20. A. (S.) sp. ♂ ant. 21

Dacnusa spp. 12; D. pubescens ♂, ant. 25. D. [illegible] ♀, ant. 28.

D. [illegible] 1♂, 1♀, ant. 24 & 22. D. [illegible] Roth. ♀, ant 23 D. [illegible] ♂, ant 27.

D. [illegible] ♂, ant. 33. D. of [illegible] ? ♀, ant. 28.}
Also larger ♂, ant. 30}

D. of [illegible] 2♂♂, ant 33 & 35.

Chaenusa conjungens [illegible] ♀, ant 23, 24 & 24 (♂♂), 20 (♀).

[illegible] of [illegible] ♀ with [illegible] behind the eyes, ant 27.

4.

29. 6. 51, cont. Lawn, Mid Perth, cont.

Taken at 1, cont.

Aphaereta of [illegible]? a small dark ♀, ant. 18

Proctos & Chalcids (minute spp.) 22.

Diapriidae 2 = [illegible] of [illegible] & [illegible] Mg.

Taken at 2 (Shore of Loch Tay, W. of pier) [[illegible] 29.6.51]

[illegible] ♀ ant. 22. [illegible] ♂, ant. 22.

[illegible] ♂, ant. 19 [illegible] of [illegible] ♂, [illegible]

Alysia flavicornis ♂, ant. 30.

[illegible] ? ♀. Opius sp. ♂, ant. 26 [illegible]

Opius [illegible] 2♂♂, ♀, ant. 26, 26 & 22; [illegible] with strongly [illegible]!

Phaenocarpa [illegible] 2♂♂: ant. 30, 31 & 33. [illegible] ♂, ant 22 {[illegible]}

Dacnusa pubescens ♂: ant. 25. D. [illegible]: large ♂ (ant. 26), small ♀, ant. 24.

D. [illegible] Nees. ♀, ant. 36.

[illegible] of [illegible] ♂ [illegible] Ant. 40. Very fine specimen!

Chaenusa conjungens ♂, ant 20. [illegible]? ♀, ant 18, [illegible]}

[illegible]: not mounted!

[illegible] 3

Chalcids 2

5

Saturday.

30th June 1951. A lovely day, fine, with [illegible] & a [illegible] misty [illegible] in afternoon, [illegible].

Took [illegible] from [illegible] to [illegible] & walked up to near outlet of Lochan na Lairige. There crossed stream & went up to screes & cliffs along the [illegible] (where below cliffs Mr Harold E. Green ([illegible]) joined us [illegible] & a young student Mr Williams (from Reading & Imperial College of Science, London)) there in the place he found Saxifraga cernua (Error) in flower in 1948, but S. [illegible] [illegible] on [illegible] top of [illegible] & [illegible] did not [illegible] ground. Worked N. along the foot of cliff [illegible] Dryas & I found [illegible] in 1947 [illegible] lunch; later walked along [illegible] to the N. & the Williams, [illegible], & returned [illegible] to join the two Greens, where had afternoon tea at 4 P.M. & then walked back. Reached [illegible] & [illegible] for [illegible] at 6 P.M. After lunch I found a [illegible] lovely plant of Woodsia alpina a little N. of the [illegible] & a specimen of the rare Hypnum hispidulum [illegible] Arenaria rubella & Nitella [illegible]. Williams & H.E. Green [illegible] plants of Saxifraga [illegible] only [illegible] & the former 3 patches of Dryas octopetala.

In August of 1952 Mr Green wrote informing me that the [illegible] A.H.S. 1952.

6

30.6.51, contd. Cliffs W. of Lochan na Lairige, contd.

Saw nearly all the plants we saw here in June 1947, & a few new ones, such as Vicia sylvatica ([illegible] small patches clinging to the cliffs, just before lunch). Found Juncus triglumis, Carex capillaris & Salix [illegible], & a little Carex atrata, Lychnis [illegible], [illegible], Poa alpina, [illegible] alpina. Many Hieraciums seen but not yet in flower & [illegible] specimens of the [illegible] we took in 1947 & then too young to identify even as to the family, but now in bud & clearly a Hieracium & now in bud. Later we found Mr Green [illegible] [illegible] (This is correct! AWS. 1952.) [illegible] Mr Green also found one specimen of Hieracium [illegible] in flower & we both took what we thought to be a form of Salix lapponum (but not quite like the [illegible] plant [illegible] in 1947). Of the Salix myrsinites reported as "abundant" here we saw nothing.

On the moor on way from [illegible] saw quite a few specimens of the Mountain Ringlet butterfly (epiphron) flying over [illegible] ground of mixed [illegible] & dry heath, with Sphagnum, Carex & Erica, etc. This the only butterfly seen.

[illegible] at [illegible] =

[illegible], Meadow Pipit, [illegible] along cliffs & Common Gulls about moors & lakes.

31st July 1951 (Sunday). A fine day, with some misty rain in afternoon & light rain later. Wind SW & rather strong.

Spent forenoon along shore of L. Tay at Lawers, the very interesting flora. Found a sedge on shore very like Carex lepidocarpa = C. xanthocarpa! In swampy ground above shore belt of scrub a very beautiful show of orchids — Hab. conopsea, Hab. chlorantha, O. ericetorum & one of the O. purpurella group, with hybrids between last two. Also a very pretty Orchis with spotted leaves & small brightly coloured & marked flowers. Most of the labellum equally 3-lobed 3-dentate like those with the mid lobe often long, much longer than the lateral. The small size of the flowers at first suggesting a cross between conopsea & ericetorum but this impossible. Later. It is the local form of O. fuchsii! AWS. That it is a form of O. fuchsii I don't believe, but what else it could be I don't know.

In afternoon all walked up to the Lawers Burn to visit the springs coming out of moraine on right bank at about 1200 ft. These changed greatly since 1947 & Carex capillaris no longer to be seen & only one plant of Juncus triglumis seen, but Eriophorum latifolium as common as before. On path above left bank of the Burn Williams found Sagina nodosa

2nd Monday — Probably mistakes in next pages?

1st July 1951. Spent day in SW corrie of Ben Lawers — damp mist & strong W wind all day, not pleasant. Started at 9 from hotel along road & then up [illegible] Lawers Burn & up into corrie. Worked up corrie to top where in cliff near large snow-patch saw much Myosotis alpestris in flower & about a dozen Erigeron alpinus, Carex atrata, Salix reticulata, & all the common alpines. Next crossed (eastwards) upper corrie immediately S. of the Lawers summit & got amongst the crags & snow patches, where Sax. oppositifolia still in flower, & worked up to topmost crags, summit ridge, & then SE down slope & on home to hotel. Near top of gully saw a few clumps of ~~[illegible]~~ Gentiana nivalis (not yet in flower) & several nice patches of Sax. cernua bearing bulbils & after crossing ridge found one patch of S. cernua in hollow near where seen in 1947. On this day only myself, Dainy & young Sen. Williams formed the party.

Took 3 beetles: Notiophilus sp.
Elaphrus sp.
Otiorhynchus [illegible]?

9)

— Repeat of previous page by mistake!

2nd July 1951. A day of damp mist in the hills over 1500 feet but no rain till evening or night in valley. We & Mr Williams walked from hotel to entrance to West Corrie & so up almost to summit of Ben Lawers & thence home via SE slope. In the corrie saw all the usual plants & on cliffs below summit at head of corrie (alt. ca. 3000 ft. saw great quantity of Myosotis alpestris in flower, with Potentilla crantzii, Salix reticulata, Erigeron alpinus (not more than a dozen plants seen in flower!). Various purple forms of Viola lutea var. amoena seen & making a grand show, but not just going well with the startling blue of the Myosotis. We then crossed upper corrie to the crags below some of which snow still lay & worked up to top part where about 50 or more plants of Sax. cernua seen (including a few on SE side of ridge) & about half a dozen clumps of Arenaria rubella.

Snail Arianta arbustorum seen in upper corrie!

(10.

3rd July 1951. A very fine day with much sun & gentle NW breeze. All the party (A E Green & nephew, William Baring & myself walked up left bank of the Lawers Burn & thence up the middle of the three western tributaries on to ridge between it & The Yellow Corrie. At the head of tributary saw the patch of Cranberry (V. oxycoccus microcarpum) as in 1947 & thence up western runnel where collected Juncus biglumis (~~triglumis~~) in 1947 ['1947 specimens are biglumis! AHG. 30.7.1951] & again saw what we thought to be it, but on return to hotel all specimens later were considered to be only forms of triglumis. Later went on to stated site of Carex microglochin just on Lawers Burn side of watershed & found that snow had only just melted & no sign of growth yet visible. William & I tried Yellow Corrie but soon gave up for same reason, but on return struck a green patch by trickle where snow had melted earlier & found the real Juncus biglumis which is quite distinct in colour & all characters from J. triglumis. Saw very nice specimens of ripe Carex saxatilis seen in various places & on way down to Lawers Burn above (on left bank) of the most westerly of the three tributaries (i.e. the one that comes down SE side of Meal Garbh!) found several patches of a sedge which may be Carex rupestris proved to be Kobresia caricina but growing on moraine

3.7.51, cont. Yellow Corrie, S., cont.

top ~~[illegible]~~ on rocks. At W. end of the natural col & a few yards on Yellow Corrie side of watershed saw a queer sedge ([illegible] cover) (not in flower) growing near quite a show of flowers of Viola Rivinian, &c. On the dry spurs of ridge overlooking Yellow Corrie saw many clumps of Loiseleuria procumbens but all past flowering. Many specimens of butterfly Epiphron ("taken") seen on damp moor & of small black moth ~~[illegible]~~ coracina on dry knobs E of col seen & taken by William.

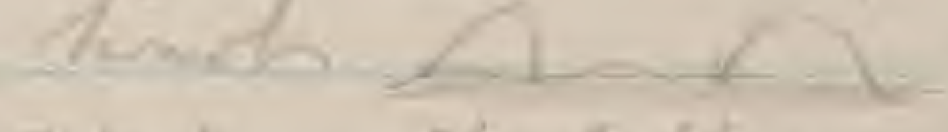
4th July 1951. Another nice day with clear view till late afternoon when haze formed to SE, S, & SW & belt of rain hid hills in these directions.

William, + A.M. Gorgon (who had arrived on 3rd) Davy & I climbed Ben Lawers by S.E. slopes & E. ridge: had lunch on ridge about 200 feet below summit & then went up to get the view which to W, N, & NE was wonderfully clear.

Ben Nevis clearly seen, as well as the heavily snow-covered Cairngorms, Beinn y Gloe & Lochnagar &

4.7.51, cont. Ben Lawers

further away & due north what may have been Ben Wyvis near Strathpeffer. Away to the west a conspicuous feature were twin peaks like the Paps of Jura ~~but AMG. considered them too far north to be Jura & suggested Mull;~~ & is certainly Jura fide [illegible] / AWS 13.7.1951.

to E. I saw two knobs  which I felt sure were the Stuic & its fellow N & S respectively of Loch Brandy above Clova.

After admiring the view went to the crags at top of W. corrie & saw lots of Sax. cernua & none the same as on 2nd. These today about 50 to 100 yards S. or SW of the "crater" in which the remains of the Ordnance Survey huts still remain & here also saw many other nice arctic-alpines but nothing new. On way up E. ridge & just before lunch crossed the "miraculous bog" on flat shoulder just draining to west & here at last found a few scraps of Sedum villosum [NB. There are two of these "bogs" on the ridge & one of them is the original site where Saxifraga rivularis grew fide Mr Colville of Dundee who was so informed by its original discoverer when a very old man.]

Took 2 beetles on way up: Chrysomelid =
'Staph.' =

5th July 1951. A nice morning & midday, but afternoon overcast about 4 PM & drizzle, wind & rain from SW. continued till dark with glass down two points.

Took a day off the hills & spent a couple of hours at Lawers between road & loch-shore within ½ mile W of hotel & back to old pier. Filled one [illegible] with small Hymenoptera — mostly under [illegible] near loch shore.

Lawers, Mid Perth. =(1)5.7.51. 10.30 – 12.30 noon.
[45 mtd. Labelled 8.4.52.]

Dryinidae 3 spp. 4 ♂♂, 1 ♀.

Cryptinae 5 = Hemiteles of gracilis group 2 ♂♂, ant. 19 & 20.
Phygadeuon sp. ♂ ant. 23. [illegible] sp. ♂, ant. 26
Atractodes tenebricosus ♂, ant. 22.
Bassus [illegible] ♀ & Promethes [illegible] ♀, ant. 23
ant. 20.
Tryphon [illegible] ♂, ant. 33, var of [illegible]!
Mesoleius sp. ♂, ant. 39.
Perilissus of lutescens ♂, ant. 31.
Mesoleius sp. ♂, ant. 37. Olesicampe of [illegible] Th. ♂ ant. 37.
[illegible] capito ♀, ant. 22.
Opius irregularis ♀, ant. 24. O. of [illegible] ♂, ant. 23.
Aspilota sp. ♂, ant. 22, big head, long narrow tergite 1.
Dacnusa [illegible] ♂, very nice! ant. 38. D. of [illegible] ♂, ant. 36,
D. of [illegible] ♂, ant. 36. D. of [illegible] ♂, ant. 33.
D. elegantula ♀, ant. 21. D. [illegible]! ♀, ant. 25; small!

5.7.51, AM, cont. Lawers, MP cont.

Aphidius sp. ♂, ant. 19.
Proctos 6
Chalcids 8.
Diptera 1 — {Moth 1 = Aphelia flavicornis, [illegible]; fide [illegible] 1952, [illegible]}

In afternoon took 2.25 bus to Edramucky & got in about an hour sweeping on left bank of the Allt a' Mhoirneas for ½ mile above road before drizzle came on & stopped collecting. Sheltered under trees & came home by bus due Lawers at 6 PM

Edramucky, Mid Perth. =(2)5.7.51. 3 till 4 PM
[37 mounted & [illegible] labelled on 13.4.1952.]

Dryinids 3 ♂♂
Sawflies 4: Athalia [illegible] ♀ Tenthredo [illegible] ♂ Athalia [illegible] ♀
Dipteron with [illegible] long body & hind legs, [illegible] mid legs!
= Leptogaster cylindrica Deg.
Hemiptera 4. the little black species very abundant!

No! Phygadeuon? ? small ♂ with dark [illegible] = [illegible] — see p. 14 →
Hemiteles [illegible] Schmied. ? 2 ♀♀, ant. 25 & 27 with [illegible] sculpture on head, mesonotum, tergites 1 & 2, and areolation of propodeum almost obsolete. Agrees well except that mandibles are black & stigma fuscous.

5.7.51, cont. Edramucky, M.P., cont.

Pimpla scutellata ♂, ant. 25. Catoglyptus fortipes ♀, ant. 31.

Exochus of albicincta Holmgr.? ♂, ant. 36. [illegible] sp. ♂, ant. 19.

Stenomacrus ~~subfusca~~ ♀, ant. 24, also ? a ♂ ant. 28.

O. [illegible] pendulus ♂, ant. 19. O. semicircularis ♀, small, ant. 22 {[illegible] at base of tergite 2 very poorly developed!}

O. cingulatus ♀, ant. 33. O. irregularis ♂, ant. 24. O. fasciatus ♂, ant. 23.

O. stenopus ♂, ant. 24. [illegible] polita var. ♀, ant.

Adelognathus ~~[illegible]~~ flavicornis ♂, ant. 30. A. flavicornis ♀, ant. 26.

[illegible] [illegible] ♀, ant. 24

[Phaeocerus: small ♂ with antennal segments 3+4 about equal. Nothing fits description seen [illegible] [illegible]. A.M.S. 17.4.52.]

Aspidota praecipua ♀, ant. 28; 'tarsal rings'

G. of famosus 20♂♂ (ant. 6A 21), 2♀♀ (ant. 6A 19).

G. latifrons ♂, ant. 21

Ocneros lineus ♀, ant. 34.

[illegible] cyclops ♂, ant. 28. D. erratus large ♀, ant. 32 — also a smaller specimen [illegible] also with pale [illegible] but [illegible] ♂, ant. 28. ? erratus!!

[illegible] of procerus ♀, ant. 16: very mature dark specimen.

Braconidae 9.

Chalcids 6.

6th July 1951. After a wet night a misty morning with slight drizzle till 1 PM, then a heavy shower followed by beautiful afternoon. Rain again at night.

H.E. Green, A.M. Gregor, L.H. Williams & I took 9.35 bus to Edramucky & walked up to Lochan na Lairige & spent day (11 AM till 4.15 PM) on the cliffs. Beginning where we left off on 30th June we worked steadily northwards & saw a number of alpines on the cliffs. These included Trollius, Draba incana, Arabis hirsuta, Cochlearia 'alpina', Epilobium alsinifolium, Saxifraga hypnoides, aizoides, stellaris ([illegible]), Dryas octopetala, Rubus saxatilis, Thalictrum minus (?), Woodsia alpina,

Coleoptera 2 = Choleva cf. angustata ♀

17.

7th July 1951. After another wet night a fair morning, then drizzle & rain till 1.30 P.M., then fine afternoon. Davie & I alone walked up the Lawers Burn & [illegible] to cliffs on S side of Meall Garbh where had lunch about 1.15 under overhanging rock. After lunch went on & worked cliffs at S.E. corner & S. side of AN STUIC [illegible] flora, then came down cliffs W of Lochan a Chait, crossed [illegible] about 50 feet above Lochan & came home on shoulder of eastern ridge of Ben Lawers.

Coming up Lawers Burn in morning found large colony (very tall robust form) of Juncus triglumis ♀ on wet slope below spring on right bank of Lawers Burn about 50–100 yards below the [illegible], [illegible] with [illegible] Tofieldia, ~~Juncus triglumis~~, &c.

On cliffs & rather [illegible] on S. side of Meall Garbh [illegible] Empetrum alpinum & Veronica saxatilis [illegible] cliffs on SE & S side of An Stuic [illegible] Salix lapponum, Draba, [illegible] Saxifraga nivalis, Sonchus? Erigeron alpinum, [illegible] Veronica saxatilis, Poa glauca?, Poa [illegible] [illegible] = C. pallescens AWS. (brought home to grow) [illegible] with yellow green leaves & [illegible] spikes just about to flower, Woodsia alpina (2 or 3 plants), [illegible], Sagina sp. & lots of common Lawers plants.

18.

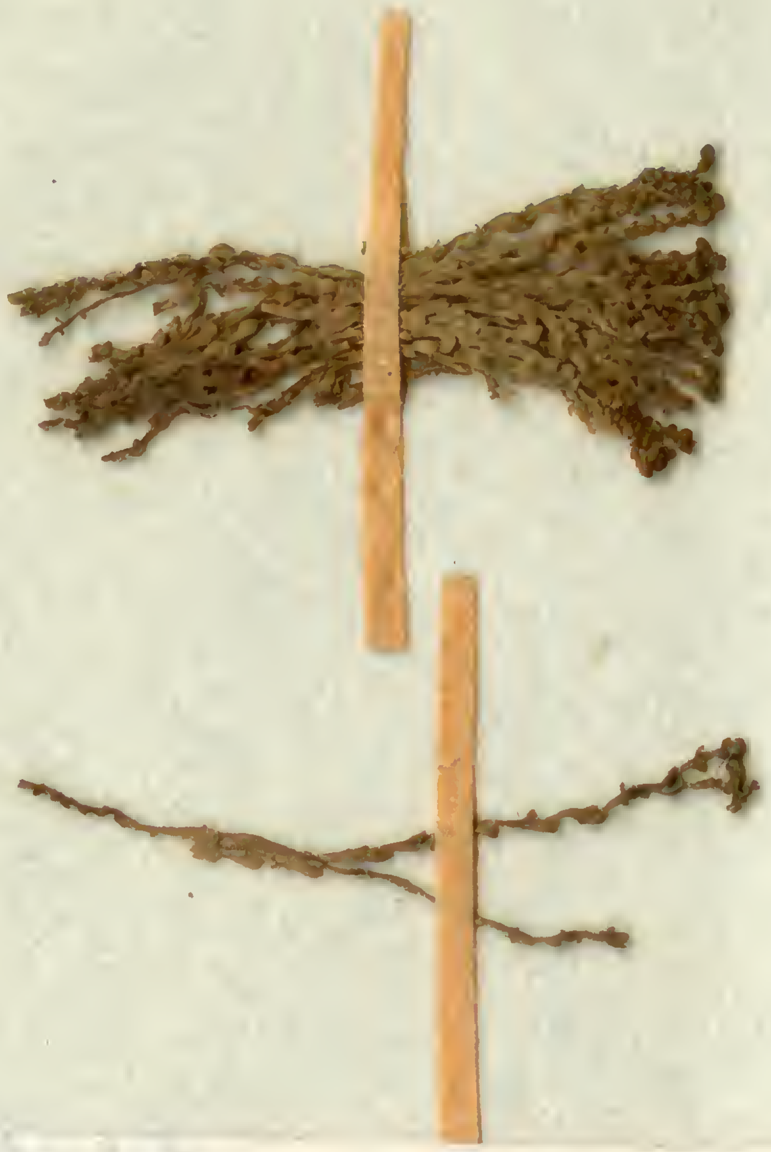
8th July 1951. A showery day with heavy rain for two hours about midday. Took things easy, most of [illegible] at a few mosses in forenoon. In afternoon strolled to Lawers [illegible] & [illegible] north of [illegible] [illegible] [illegible] [illegible] [illegible] a day [illegible] & [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] rare plants [illegible] looked for [illegible] [illegible] [illegible] no [illegible] of any [illegible] of life [illegible] or animal!

[illegible] are :- Stylocryptus? perfligator 2♀♀ and 1♂? [illegible] [illegible] 1 ♀, and 33, the 13 mm all appear to be referable to perfligator, vol. 24(1), 25(6), 26(2) & 27(1). Saw 3 ♀♀ [illegible] [illegible] 1 ♀ Vespa [illegible] plenty of Dragonflies, also [illegible] [illegible] (♀ + ♀♀), and many Tenthreds [illegible] Scorpion Fly ♀. [illegible] bird =

Alicularia scalaris
V. distans
N. Corrie Ben Lawers
July 7th 1951
Fide J. S. Thomson

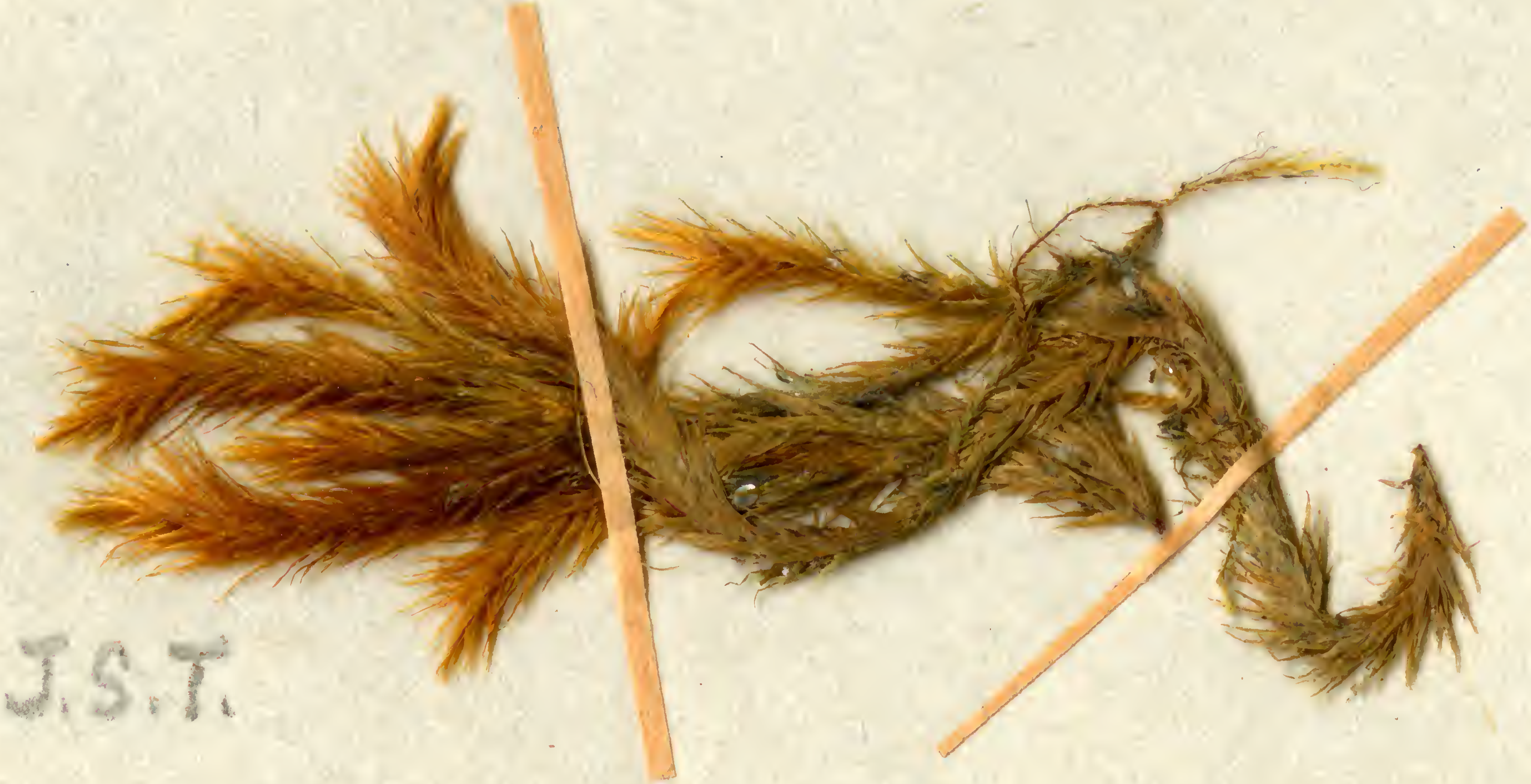
Fide J.S.T.
Orthothecium rufescens B. & S.
An Stuic.
7.7.1951.

9th J[illegible] [illegible] fine day with only one whiff of rain [illegible] formed in evening & heavy rain at [illegible] about 9.45 & walked via Lawers Burn & [illegible] of [illegible] & Chait, all on 3,250 ft, where had lunch at 12.30 noon (Davie, I, H E F Taylor Green & Mr Kettle) After lunch party separated, Davie & I going up S side



Alicularia scalaris
v. distans
N. Corrie Ben Lawers
Jly 7th 1951

fide Miss J. S. Thomson



Fide J.S.T.

orthothecium rufescens
B. & S.

An Stuic.

7.7.1951.

7th July 1951. After another wet night a fine morning, then drizzle & rain till 1.30 P.M., then fine afternoon.

Daisy & I alone walked up the Lairig Ghru & on to cliffs on S. side of [illegible] Garbh where had lunch about 1.15 under overhanging rock. After lunch went on & worked cliffs at S.E. corner on S side of AN STUC above very wet place, then came down cliffs W. of Lochan na Cat, crossed ridge about 50 feet above Lochan & came home over shoulder of western ridge of [illegible].

On way up Lairig Ghru in morning found large colony of very tall robust form of Juncus triglumis ?, on wet slope below spring on right bank of Lairig Ghru about 50–100 yards below the [illegible], where old track crosses the burn on foot bridge, with much Tofieldia, ~~Juncus triglumis~~, etc.

On cliffs & rather swamp. on S. side of [illegible] Garbh saw Erigeron alpinus & Veronica saxatilis; & on cliffs on SE & S sides of An Stuc saw [illegible], Draba incana, Saxifraga nivalis, Saussurea, Erigeron alpinus, Pot. crantzii, Veronica saxatilis, Poa glauca? Poa californica? [illegible] Carex capillaris [illegible] = C. pallescens AWS. (brought home to grow) with yellow green leaves & pale spike, [illegible] Veronica alpina (3 or 4 plants), [illegible], Sagina sp. & lots of commoner [illegible] plants.

8th July 1951. A showery day with heavy rain for two hours about midday. Took things easy, setting & drying insects a few minutes in forenoon. In afternoon strolled to [illegible] & [illegible] back. Picked up about a dozen [illegible] with [illegible] & [illegible] other [illegible]. Saw no new plants. Looked for [illegible] in [illegible] but saw no trace of any or other forms of life [illegible]!

Insects taken in [illegible] are:- Stylocryptus profligator 3♂♂ ant. 26(?) & Stylocryptus [illegible] 1♀, ant. 23; the 13 [illegible] all appear to be referable to profligator, ant. 24(1), 25(6), 26(5) & 27(1). Also 2 ♀♀ Bombus [illegible] & 1 ♀ Vespa [illegible] at flowers of [illegible], also several Bombus lucorum (♀ & ♀♀), and many Tenthredo of arcuata. Scorpion Fly ♀.

Also 2 small Chalcids. =

9th July 1951. A very fine day with only one shower of rain about 2.30 P.M. [illegible] formed in evening & heavy rain at night. Left hotel about 9.45 & walked via Lairig Ghru to outlet of Lochan a' Chait, at c. 2,350 ft, where had lunch at 12.30 noon (Daisy, I, H.E.F. Aylmer Green & Mr Kettle). After lunch party separated, Daisy & I going up S side

9.7.51 contd. N. Corrie, Ben Lawers, M.P.

the Lochan a little grows Carex rostrata, Equisetum limosum, Potamogeton polygonifolius (especially on S. shore in shallow water), Callitriche in near SW corner, Sparganium in shallow water on S. shore, but no sign of Isoetes, Lobelia or Littorella even though the first may occur in deeper water. The rest of slope SW of Lochan being near source of very much in Mid Tay, [illegible] might be expected to occur here, but no sign of it, though very fine shows of common plants most on one scarp, this some more [illegible], below & E of summit of Ben Lawers, there are many plants but no very rich assemblage, though as we approached Creag-an-Fhithich ("Rock of the Raven"!!) the flora improved; on one of these scarps or rather on wet slope below it found more patches of the sedge taken on 3.7.51 & thought to be immature Carex rupestris, but proves to be Kobresia [illegible], also a common form of Carex rigida on rock ledge with no [illegible] at top in some [illegible]. This last at ca. 3,300 ft.; after ascending sloping crag dropped down onto top of crag named Creag an Fhithich, 3,430 ft., where sat on edge of cliff & had afternoon tea at 4 PM in hot sun. After tea & before descending N side of crag, found a wet sloping patch of [illegible] ground or [illegible] by [illegible] dwarf Juncus biglumis & triglumis grew in abundance, with [illegible] Carex saxatilis & other plants. A visit here a month later would be of great interest as plants would be then mature.

9.7.51, contd. N. Corrie, Ben Lawers, M.P.

Came down the side of the "Creag" to head of the Lochan at 5.10 P.M. & [illegible] the Lochan at 6.50. On shoulder of "The [illegible]" above the Creag walked into a family of Ptarmigan (Pa, Ma & about 5 babies which flew in all directions), & herd of Red Deer, as seen about same place a little earlier by Sylvia Green & Mr Kittle.

In the Loch[illegible] a [illegible] Carex & light [illegible] form of [illegible] no specimen taken.

On [illegible] below the Lochan [illegible] it [illegible] Real Garth [illegible] a lot [illegible] amongst Vaccinium & Clo[illegible] [illegible] one [illegible] 2-3 [illegible] light green leaves glaucous [illegible] [illegible]cifolia "of blighten species" [illegible] on single bush."

On return journey saw a ♂ of Bombus jonellus on Thymus flowers at ca 1500 feet

10th July 1951. Rain nearly all day & we did nothing but clean up things.

Looking E, Lochan-nan-Cat
N, Corrie, Ben Lawers,
Perth. 15

Photo - Molly Wigham
Aug. 1951.

20

Lochain, W, Lochan-nan-Cat.
N. Corrie, Ben Lawers,
Perth.

An Stuic on right!
Creag-na-Fhithich, top left!

Photo.
Molly
Wigham.
Aug, 1951.

9.7.51, cont. N. Corrie, Ben Lawers, M.P.

At Lochan — which grows Carex rostrata, Equisetum limosum, Potamogeton polygonifolius (spreading on S. shore in shallow water), Callitriche? near SW corner, Sparganium in shallow water on S. shore, but no sign of Isoetes, Lobelia or Littorella seen though the first may occur in deeper water. The [illegible] of slope SW of Lochan being near [illegible] of many [illegible] — [illegible] Sax. rivularis might be expected to occur here, but no sign of it, though very fine stands of common plants. Most common rocks, [illegible] more stable [illegible], below [illegible] of summit of Ben Lawers, there were many plants but no very [illegible] ledges, though as we approached Creag an Fhithich the "[illegible] of the season!!" flora improved; on one of these rocks or rather on wet slope below it found more patches of the sedge taken on 3.7.51 & thought to be immature Carex rupestris (but proves to be Kobresia [illegible]), also a curious form of Carex rigida on rock ledge with no ♂ spikelets at top on same [illegible]. This last at ca. 3,300 ft.; after rounding sloping crags dropped down onto top of crag named Creag an Fhithich, 3430 ft., where sat on edge of cliff & had afternoon tea at 4 PM in hot sun. After tea & before descending N side of crag, found a wet sloping patch of Juncus ground or [illegible] by [illegible] dwarf Juncus triglumis & biglumis grows in abundance with [illegible] Carex [illegible] & other plants. A visit here a month later would be of great interest as plants would be then mature.

9.7.51, cont. N. Corrie, Ben Lawers, M.P.

Came down N. side of the Creag to head of the Lochan at 5.10 P.M. & home via E. side of Lochan & the Lawers Burn at 6.50. On shoulder of the [illegible] above the Creag walked into a family of Ptarmigan (Pa, Ma & about 5 babies which flew in all directions). A herd of Red Deer was seen about same place a little earlier by [illegible] Green & McKittle.

In the Lochan burn a comparatively large & light-coloured form of Limnaea peregra of which one specimen taken.

On left bank of Lawers Burn below the Lochan & before it is joined by the tributary from Meall Garbh quite a lot of Cornus suecica grows amongst Vaccinium & Cloudberry; & by the burn itself one nice bush about 2–3 feet of a sp. of Salix, with bright green leaves, glaucous beneath, & looking like S. phylicifolia. Cf. Clapham agrees. "just an ugly bush!"

On return journey saw a ♂ of Bombus jonellus on Thymus flowers at ca. 1500 feet.

10th July 1951. Rain nearly all day & so did nothing but clean up things.

11th July 1951. After clearing in morning, rain & mist all day & heavy rain late at night; all the burns in spate! Absolutely windless & very oppressive (drains & not stone) damp & steamy. Left hotel about 10 AM & walked up the left bank of the Lawers Burn. The field above farm now full of Gentiana campestris in flower (buds) none seen previously. Went up the burn to the old track crossing the burn & then struck across more to the NE & went up gully on W side of Meall Greigh. There quite a good show of plants including Salix myrsinites [illegible] [illegible], Carex vaginata (very fine plants on shelf near bend (see also p. 148 to follow →) point of scarp with almost mature & large fruit) Hieracium anglicum & a smaller species of which one specimen taken = Hieracium [illegible] fide John Raven! [illegible] alpina. After lunch in the gully set out for the Fiddlers Corrie which reached about 2.30 & went [illegible] corrie where snow only just melted in places & small sedge like C. [illegible] found (See p. 154 to follow →) over a shoulder or ridge into the main corrie & across it to shelf on W side. Reached tea at 4 PM. Later went up slope toward Meall Garbh, round head of rocky [illegible]

11.7.51 cont. Fiddlers Corrie, M.G., cont.
Rare [illegible] Carex [illegible], back to col & [illegible] down [illegible] to Lawers Burn & home via left bank at 6.50. Saw [illegible] Kirkman's [illegible] [illegible] on 3rd July had been mistaken for Carex rupestris & lots of the usual sedges & rushes but could not find any Carex microglochin [illegible] conditions, however very poor, everything wet & dripping.

On way up Lawers Burn in morning saw a pair of Buzzards.

Scorpion Fly in several by Lawers Burn just above farm.

12th July 1951. Another dull day with drizzle all day & chilly NE wind. No sun & no drying after another night of heavy rain. Took 10.30 bus from Lawers to Fearnan & walked to Kenmore & from there to Coshieville. There picked up by 4.15 bus from Aberfeldy. Lovely collecting grounds all the way by roadside but [illegible] [illegible] few of the larger trees & [illegible] E of Kenmore [illegible] [illegible] collecting of [illegible] [illegible]. Quite a few plants not before seen [illegible] in Perthshire growing by roadside, e.g. Clinopodium vulgare (fide Graham) Hieracium pulmonarioides on wall at Kenmore, H. aurantiacum (Fearnan)

12.7.51 cont.   Kenmore district, MP, cont.
Galium [illegible], Hypericum [illegible] [illegible], Carex remota & C. [illegible], a [illegible] (very small form) & lot of other lowland plants.
Insects seen or caught — [26 insects mounted & then labelled as 12.7.52.]
Bombus lucorum several at Raspberry.
B. pratorum 1♂, several ☿☿, all at Raspberry
B. agrorum 1☿ at Raspberry.
Vespa sylvestris ☿
Dryinid ♂
Ichneumon sarcitorius ♂, pinned. Epilampus pygmaeus [small & very dark, [illegible]
Pezomachus (sp. ?) 1♀, small, ant. only 17-19.
Monoblastus sp. nigrimus Habermehl? 3♂♂, ant. 30, 31 & 32.
Alexeter sectator Thunb.? var. 2; face black with yellow line, ant 50, ♀
Tryphon sp. brunniventris var. [illegible] 1♂, ant. 33.
Cryptus fulvipes ♀. Lissonota sp. [illegible] ♀, ant. [illegible]
Metacoelus punctulatus ♀, ant. 28, [illegible]
Ampulex sp. [illegible] ♀, ant. 21, but [illegible] not very stout?
A. sp. bicolor ♀, ant. 18, very stout about middle! A. sp. ater, small ♀, ant. 22
A. sp. [illegible] ♀, ant. 18.
A. (Syrphidis) sp. temporalis ♀, ant. 17.
Bassus [illegible] ♀ ♂, caught off bee Parsnip; [illegible], ant. 20, 32 & 16
Z. [illegible] ♀, ant. 21.

12.7.51. cont.   Kenmore district, MP cont.
Ephedrus [illegible] ♀ ♂, ant. 11
Proctos 4

Chalcids 6
Cynipids 2
Sawflies Tenthredo [illegible] ♂ & Tenthredo ? ♀.
Hemiptera 2
Moth 1

13th July 1951. A cold & dull day with strong N.W. wind but no rain or [illegible] there [illegible]. Driven in car by Mr [illegible] to Edramucky at c. 1000ft. Walked up the right bank of the Allt a' Mhuilinn [illegible] Lochan na Lairige & across moor on the crags [illegible] about 1/2 a mile S.W. of outlet of the Lochan & spent all day climbing from one to another, but the only exciting plant on the crags was [illegible] of Woodsia alpina. Lots of the more generally distributed alpines, including Epilobium anagallidifolium, [illegible], Salix reticulata, S. myrsinites & S. arbuscula.

13. 7. 51, cont. Weather in Laing's district continues. On way up the Allt a' Mhuilinn in morning saw Gnaphalium sylvaticum on slope above road & in moraine a little higher up lots of Epilobium latifolium. Populus tremula frequent in gorge below the big fall & above there & on left bank (only visible from right bank!) many clumps of Arctostaphylos uva-ursi I never saw in the district according to Mrs Kanu, who is now staying at the hotel) but known to Miss Campbell! here it grows on rocky shelves & hangs down like a curtain in dense masses in some cases for several feet. It bore small green berries (& eggs) & was preparing in some cases to flower again. Salix caprea (some large trees!), S. cinerea, S. aurita & S. repens also grow in the gorge & there is at least one large upright clump of Juniperus communis near the Arctostaphylos gone 1952! See p. 149 → lots further up higher upstream! above the fall. On return journey at 5 PM down left bank saw many berries of [illegible] & by moving my rucksack in one place I was just able to see one of the clumps of Arctostaphylos, because I knew where to look for it.

14th July 1951. A very fine day with gentle breeze & only a slight cloud over Ben Lawers. Took [illegible] bus to Lawers & walked up road from [illegible] for some distance & then went across to the Lawers burn & along its left bank into the S.W. Corrie of Ben Lawers. Followed the stream at base of the Corrie to look for a green ♀ Salix of which A.M. Gregor brought found me a twig on 4.7.51. Found only the one small bush of the undoubted Salix myrsinites (Prof Clapham agreed!) & near it several small bushes of Salix lapponum (Clapham agreed!) [illegible] of which specimens from two brought away. Next we ascended one of the principal rills in the Corrie as far as the Sedge path & there had lunch at 1 PM. On way up found very nice plants including a big patch of Sedum villosum on left side of the rill (discovered by Kenny!) growing on rather drier ground than I should have expected, & with it a tiny form of Montia fontana only about ½ inch in length; on a wet rock surface in rill saw some tiny plants of Juncus triglumis & on going to inspect these found some equally small plants of Juncus biglumis mixed with it, as well as a sample of [illegible] triglumis with large bract towering above the [illegible] flowers. Watt & Clapham later agreed with me that these were merely freaks & not hybrids with biglumis as at first they looked like.

14.7.51, cont. SW Corrie, Ben Lawers, MP, cont.

After lunch proceeded to head of Corrie & searched for Gentiana nivalis on grass slope below cliff but could not see a sign of it coming up, though lots of Myosotis alpestris all over the slope, 1 to 3 inches high. Went round the base of cliffs for a few hundred yards & then came back & crossed upper corrie & went up amongst the crags to see if Saxifraga cernua intended to flower this year & on the way saw several places where tufts of Arenaria rubella were in flower — a very poor plant compared with A. verna. On reaching the Sax. cernua ground near top of crags saw innumerable "seedlings" all over the ground amongst rock debris, as well as on rock faces, & examined the largest with lens to see if it would later bear a flower & found that at summit of plant there was a long bud-like growth but without dissecting it could not say whether it was a flower bud or not. Went on from there to summit to enjoy the view which on this day was quite wonderful in every direction. Left summit at 5.10 PM & in hotel at 6.55!! On way down spent a few minutes in marsh on Eastern ridge to look for Druce's "Carex helvola" but the only

largest sedge seen (& just coming into flower!) was C. saxatilis & no trace of any sedge suggesting any relation with C. curta. During the day collected various specimens of Cerastium in the corrie & once more came to the conclusion that there are there only two species vulgatum & alpinum, with innumerable hybrids.

Two Ichs & one beetle (taken with forceps in the corrie) one brachypterous Ich. taken floating on water below fall on the Corrie Burn at ca. 1500 ft.

[On this morning, before leaving hotel, picked a ♀ Ixodes ricinus off a calf in field opposite the hotel!]

15th July 1951 A fine but windy day! Strong SW. wind with sun & cloud in forenoon. Before lunch, 1 P.M., collected by sweeping in two spots at Lawers:—

1. In lane from road to pier.
2. along shore & in marsh from foot of lane to mouth of Lawers Burn.

29

15-7-51, cont. Lawers, Mid Perth.

Taken at 1. (Lane). [78 mounted from 1 & those labelled 23.4.52]

Braconid c

Ichneumonid ♂, small, ant. 32, [illegible] black, i.e. =

Cryptinid ♀. Hemiteles sp. ♂, ant. 19. H. sp. ♂, ant. 21.

H. sp. ♂ & ♀, ant. both 20, dark legs. Stilpnus cf. gagates 2♂, ant. both 19.

Exolytus sp. ♂, ant. 26. Hemiteles, not old ♀, ant. 24.

Phygadeuon sp. ♀, ant. 18. Cratocryptus? sp. ♀, ant. 27.

Bassus "tricinctus" ♂, ant. 19.

Promethes pulchellus ♀, ant. 22.

Homocidus obscuripes 1 ♂, ant. 31. Homocidus sp. ♀, ant. 29.

Tryphon cf. vulgaris 2 ant. 32 & 33.

[illegible] elongator ♂ & ♀, ant. 32 & 35.

Erromenus brunnicans 1, ant. 29. [illegible] cf. sp. ♂, ant. 32, rather old.

Mesoleius sp. ♂, ant. 25, black sp., small

[illegible] sp. ♂, ant. 32. M. sp. ♀, ant. 36.

Canidia sp. ♀, ant. 20

[illegible] 1 ♂, ant. 19.

cf. p. 3 [illegible]
[illegible] cf. [illegible] ♂, ant. 22.

Apanteles cf. lateralis ♂ Euphorus pallipes 1♂ (ant. 19), 6♀♀ ant. all 19 [illegible]

Ascogaster cf. quadridentatus ♂ ant. 31. Opius cf. [illegible] pp. →

Phaenocarpa rufipes & picinervis 1♂ of each, ant. 27 & 33 respectively.

Pentapleura pumilio ♂; ant. 28, large, reddish legs.

30

15-7-51 cont. Lawers, Mid Perth, cont.
Taken at 1 cont.

Opius singularis ♂, ant. 34. O. [illegible] small ♀, ant. 23.

O. cf. exilis Hal. ♂, ant. 25.

Aspilota ruficornis 2 ♀♀, ant. 31 & 32.

A. tumida ♂, ant. 17. A. (Synaldis) concolor? [illegible] ♂, ant. both 18.
[illegible] more elongate [illegible]

Orthostigma sp. 1 ♂, ant. 18.

Dacnusa laterales ♂, ant. 41. D. cf. [illegible]? 3♂♂, 1♀, ant. 31, 34, 37 & 29(♀).

D. sp. 1♂ (ant. 30), 1♀ (ant. 27). D. sp. 1♀, ant. +28, broken.

D. striatula ♂, ant. 27. D. aplanata ♂, ant. 24.

D. maculipes ♀, ant. 22. D. areolaris ♂, ant. 21.

Coelinius gracilis? ♀, ant. 42

Monolexis [illegible] 1♂, ant. 16

Proctos. 6 =

Chalcids 1 =

Cynipid 1 =

Bug 1, black = Hemipteron =

Diptera 2 ♀ Micro[illegible] ♀ and

In killing bottle but also from station 1. [Included in 78 above.]

Athalia cordata ♀, Pachyprotasis rapae ♀ & [illegible] pallescens ♀

Cryptinid ♀ [illegible] p. 29

Mesoleiid ♂ = Hemiteles? See p. 29

"Tryphon elongator ♀ = [illegible]! See p. 29.

Hemipteron [illegible] =

15-7-51, cont.   Lawers, M.P. cont.

Taken at 2. (Scrub near shore of loch, etc.) [4 [illegible] 2 then labelled 20.6.52]

Bryinae 20 ♂♂   Colpognathus divisus ? ♂, ant. 28.

Cryptinae 3 = Plygadeuon ? small [illegible] ♀ ant. 19.

Atractodes sp. ♂ ant. 2?   Exolytus sp. ♂ ant. 2?

Stenomacrus fuscipes ? ♂, ant. 20

Promethes pulchellus ♀, ant. 23.

Gen. et sp. ? ♀, [illegible] = Acrolyta [illegible] ♀, ant. 26.

Mesoleius sp. ♀, [illegible], ant. 27.

Campoplegid ♀ = Angitia sp. [illegible] ?, ant. 30.

[illegible] ♀, ant. 26 =

[illegible] sp. ♀, ant. 20

Bracon [illegible] ♀, ant. 31, all black (= ? longicollis [illegible]).

Euphorus pallipes 1♂ (ant. 26), 2 ♀♀ (ant. 21 & 22).

Perilitus sp. ♂, ant. 22.   P. sp. ♂, ant. 26.

Leiophron [illegible] ♀, ant. 24, [illegible]

Opius sp. [illegible] (nr. [illegible]) 1♂ 1♀, ant. 24 & 23.

Aspilota (2?) spp. ♀, incl. A. ruficornis ♂, ant. 26, A. dentifemur ♀, ant. 19.

A. nr. [illegible] ♀, [illegible] ant. 22-seg.   A. sp. [illegible] 2 small ♀♀, ant. 20 & 21.

A. nigricornis ♂, ant. 20.   A. (Synaldis) concolor ♂, ant. 19.

Orthostigma sp. ♀, ant. 21; [illegible]

Dacnusa [illegible] ♂, ant. 27, but has no [illegible]

D. [illegible] ♀, black ant. 30-segmented =

D. [illegible] ♀, ant. [illegible], 34-seg., [illegible] =

Taken at 2, cont.

Aspilota sp. ♂, ant. 19.

Proctos. 8 =

Chalcids 1 =

15.7.51, afternoon.   Driven by Mr [illegible] to S.E. side of Loch Tay & collected for about 1½ hours in sheltered spots on slopes below road & loch about ½ mile W of [illegible]. Small hymenoptera very plentiful. [3 labelled at [illegible] 1952: 202 others mounted & then labelled 1 to 3.5.1952.]

Cratichneumon sp. rufifrons, small ♀, ant. 22.

Diaulota sp. ♂, ant. 27.   Phaeogenes ? sp. ? ♂, ant. 3?

Cryptinae: 20 including an interesting [illegible] ♀ [illegible] ant. 18 = [illegible] but [illegible]
N.B. [illegible] of this species taken in Scotland in July. [illegible] 3.5.52 [illegible]

Hemiteles spp. various 12 ♂♂, ant. 18 (2), 19 (3), 20 (3), 21 (4), 22 (1) =

Pezomachus sp. ♂, ant. 24.   Atractodes sp. [illegible] 2 ♂♂ ant. 23.

Exolytus ? sp. ♂, ant. 23.   Ex. ? sp. ♂, ant. 27.

Stylocryptus (= Glyphicnemis) sp. ♂, ant. 25.

Cryptid ♂, ant. 28 = [illegible] ?

15. 7. 51, cont. Acharn, MF, cont.

Taken at 3 cont.

Lissonota cf. gracilenta ♀ (or one of unnamed ?), ant. 24.

Stenomacrus cf. pallipes 2 ♂♂, ant. 29 & 30 {Very like in formula but smaller & rather more rounded!}

S. cf. gracilicornis ♀, very interesting! ant. 23, longish, elongate, rather wide.
Also a ♂, ant. 22, perhaps same species, but darker legs & tripartite [illegible] marks on gena, like the ♀♀.

Bassus "tricinctus" ♂, pale hind coxa, ant. 19.

Promethes cognatus, ♂ ant. 23   P. luteipes ♂ ant. 32.

Pantisarthrus filicornis 2 ♂♂, one small, ant. 40 & 43.

Thersilochus ♂, ant. 29.   Eremotylus cf. [illegible] ♂ ant. 37

Helorimorpha ♂ cf. ? ant. 34.   marginatus ♀ ♂, ant. 34

Angitia? cf. ? ♀, ant. 36.

[illegible] [illegible] ♂, ant. 19.

Phaeton cf. ♀, ant. 21.

['Mesostylus' not seen when tabulating in May 1952 'ANS']

Bracon satanas ♀, ant. 26. B. sp. ♂, ant. 21.

B. brachycerus ♀: very nice specimen, with nearly [illegible] hind femora, ant. 24. In 1951 Marion [illegible] compared ♀♀ from Dorset with Thomson's type — found a species that [illegible] in Thomson [illegible] [illegible].

Rogas circumscriptus 1 ♂, ant. 36

Apanteles [illegible] group, small ♀, hidden [illegible], pale [illegible], [illegible]

Perilitus [illegible] ♀ black, ant. 20. Labelled 26.1.52.

P. [illegible] ♀ red head ant. 22. Labelled 26.1.52.

Blacus [illegible] ♀, ant. 25

Coelinius [illegible] ♂, ant. 24.

15. 7. 51, cont. Acharn, MF, cont.

Taken at 3, cont.

Opius spp 32 = O. (B.) procerus ♂ ant. 43. O. geniculatus Th. ♂ ant. 44.

O. spreta Hal. 7 ♂♂, 1 ♀, ant. (32-1)(33-2)(34-4♂+1♀). O. [illegible] 1 ♀, ant. 20.

O. stenops n. 4 ♂♂, 1 ♀, ant. 23, 24, 24, 24 & 23 (♀).

O. nigrescens Wesm. 3 ♀♀, ant. 22 & 26, legs not quite so dark as [illegible].

O. irregularis 1 ♂, 2 ♀♀, ant. 26 (♂), 27 & 29.

Alloea contracta ♂, ant. 33

Pentapleura pumilio ♀, ant. 19. P. angustula ♂, ant. 22.

Alysia tipulae ♂ ant. 43.

A. incongrua 3 ♂♂, ant. 36, 37 & 38

Phaenocarpa rufipes 4 ♂♂ ant. 26, 26, 27 & 28.   Ph. conspurcator ♂, 3 ♀♀. ant. 27, 27 & 28.

Aspilota ruficornis 5 ♂♂ (ant. 24, 25, 26, 27 & broken), 2 ♀♀ (ant. all 31)

A. pulvinata, small ♀, ant. 15, dark legs. A. maculipes Hal. 1 small ♀, ant. 16.

A. dentifemur ♂, ant. 21. A. crassifemur ♀, ant. 24. A. sp. nr. [illegible] {[illegible]}

A. cf. procera n. ♂, ant. 24. A. cf. [illegible] n. ♀, ant. 16. {A. cf. sylvatica n. ♀, ant. 22 and possibly ♂ of same species but also with 22-seg. ant.

A. sp. nr. ruficornis ♀, ant. 19. but ant. segs 24 slender [illegible]} A. cynipsides n. ♀, ant. 20. [illegible] A. minutissima n. small ♀, ant. 16.

A. cf. fuscicornis ♂, ant. 22. A. sp. ?, ant. 23, [illegible] [illegible] ant. A. [illegible] n. ♂ ant. 21.

A. cf. cynipsides n. 3 small ♂♂, ant. 21, 21 & 22, cf. ♀ [illegible] in coll.

A. exilis n. 2 typical ♂♂, ant. 20 & 22, [illegible] [illegible]; also a possible ♀, ant. 20. A. sp. ♂ no [illegible], ant. 19.

A. cf. clara ♀, ant. 18. A. truncata n. 3 ♂♂, 1 giant ♂, 1 ♀; ant. 22, 23, 23, 26 & 19.

A. fuscicornis Hal. 6 ♂♂, 1 ♀, ant. 16, 17(4), 18 & 17(♀). A. [illegible] n. 7 ♂♂, ant. 18, 19(4) & 20(2)

A. (Synaldis) cf. [illegible]cornis, 2 large ♂♂, ant. 23 & 24. A. (S.) sp. dark legs, ant. 21, 21 & broken.

A. (S.) sp. dark legs, ant. 18. A. (S.) sp. [illegible] ♂, ant. 20. Orthostigma sp. ♀, ant. 21.

Dacnusa cf. merella [illegible] 1 ♂, 1 ♀ ant. 27 & 33.

D. discolor [illegible] ♂, ant. 32. D. melanocera [illegible] ♀, ant. 24

D. maculipes Th. small ♂, ant. 20; 1 larger ♀, ant. 23.

15.7.51, cont. Achan, M.P., cont.

Taken at 3, cont.

Colias [illegible] sp. ♂, at 37, [illegible] above.

C. [illegible] of 2♂♀, at [illegible], [illegible] behind eyes.

Mesoacteon [illegible] ♂, at 16

Ephedra [illegible] 1♂, at 11

Cephalcia [illegible] ♀, at 17.

C. [illegible] ♂, at 17.

Proctos ca 20

Chalcids 11.

[illegible] 1

[illegible] 1

[illegible] (Staph.) 1

16th July '51. [illegible]

[illegible]

[illegible]

[illegible]

Walked up [illegible]

[illegible]

with a lot of [illegible], Veronica [illegible]

many of the common [illegible] plants. [illegible]

of Thalictrum minus (?) & [illegible] of the [illegible]

Primula [illegible]

[illegible]

[illegible] on the broad cliffs below [illegible]

[illegible] & worked up these cliffs [illegible] flora [illegible]) + the Pennine Creek

to a flattish [illegible] alt. ca. [illegible]00 ft. [illegible]

[illegible] on a wet [illegible] [illegible]

& in one place a [illegible] patch of Carex [illegible]. Quite

a lot of Myosotis alpestris & Veronica [illegible] on

the [illegible] cliffs. Gradually worked up [illegible] to the cliffs

N face of [illegible] a truly "arctic" flora

[illegible] not only on the ledges & cliffs but on the grassy slopes [illegible]

[illegible] Saxifraga [illegible] [illegible]

the grassy vegetation as well as on the rocks. [illegible]

[illegible] on the rocks & [illegible] micacea [illegible]. [illegible]

+ Chrysosplenium alternifolium ? [illegible] at about 3,200

[illegible] in a few places [illegible]

31/

16. 7. 51, contd. N. Corrie, [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] & a [illegible] [illegible] of [illegible] [illegible] [illegible] the [illegible] on the [illegible]. [illegible] afternoon [illegible] in shelter of [illegible] near & above [illegible] of the [illegible] very large snow patches. [illegible] at head of the corrie & [illegible] [illegible] [illegible] & [illegible] [illegible] of [illegible] [illegible] [illegible] within a [illegible] [illegible] [illegible] of [illegible] & [illegible] [illegible] [illegible] left by the melting of the snow. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] nesting of [illegible] [illegible], [illegible] [illegible] 3000 ft [illegible] indicating the power of the [illegible] [illegible] [illegible] weather, but [illegible] [illegible], [illegible] [illegible] could [illegible] [illegible] together & not [illegible] [illegible] [illegible]. After [illegible] [illegible] to [illegible] of the [illegible] at 4.30 PM [illegible] [illegible] [illegible] [illegible] & the [illegible] [illegible] & met by [illegible] [illegible] [illegible] Grant Roger who had [illegible] [illegible] [illegible] [illegible] afternoon for a couple of days. [illegible] [illegible] [illegible] & [illegible] [illegible] [illegible] [illegible] [illegible] in [illegible] & connected with the [illegible] [illegible] [illegible].

17th July 1951 A day of [illegible] [illegible] SW wind and a [illegible] all day, [illegible] the afternoon [illegible] [illegible] [illegible] [illegible] of [illegible] & [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] of the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Grant Roger [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in the SW corrie, [illegible] [illegible] the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] & [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] at [illegible] of the corrie [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] large snow patches had recently melted [illegible] & [illegible] [illegible] [illegible] [illegible] [illegible]. Did not go out till 3 PM [illegible] [illegible] to [illegible] & back. After afternoon tea took net & [illegible] sweeping in Corrie & on shore & found the [illegible] just west of mouth of [illegible] Burn [illegible] the large Thalictrum recorded by Druce [illegible] [illegible] [illegible] [illegible] same probably.

[78 insects noted & then labelled Aug/1951]

Insects taken & seen in Corrie & on shore, under stones, [illegible] [illegible]
[illegible] & [illegible] [illegible], [illegible], [illegible] [illegible]

[illegible] [illegible] ♀ seen

[illegible]

Ants. Lasius flavus, 2 nests, nesting Myrmica ruginodis & Formica fusca 2,800 ft

17.7.51, cont. Lower [illegible], MP, cont

Sawflies. Tenthredo [illegible], T. olivacea ♀ + 2 others =

Nematinae ♀ = Nematinae ♂ =

Ichs. [Epitomus [illegible] not seen [illegible] 1952]

[illegible] ♂, ant. 26.

Cryptinae 7: Stilpnus sp. ♀ reddish abd., ant. 17. [illegible] ant. bell 19

Hemiteles sp. 2♂♂, ant. bell 20 H sp. ♂, ant. 23

Phygadeuon? sp. ♂, ant 25

[illegible] ♂, ant. 32

[illegible] [illegible] ♀, ant. 19.

Homocidus pallipes ♀, ant. 22.

Orthocentrus [illegible] ♂, ant. 29

Stenomacrus {[illegible] = non Thomson m. ♀, ant. 18, incrassate to apex'
{= minutus?

[illegible] sp. ♂, ant. 42

Mesoleius? sp. yellow scutellum ♂, ant. 38. M? sp. black scutellum ♂, ant. 25.

[illegible] ♂♂, ant. 32 & 33: =

Tryphoninae 5: - [illegible] femoralis ♀, ant 20.

black ♀, ant. 28: reddish abd. ♀, short [illegible], ant. 26: =

3♂♂ like Ref. [illegible], ant. 28 & 29: -

[illegible] 2 spp.? 2♂♂, ant. 26 & 29

[illegible] [illegible] ♂, ant. 21.

17.7.51, cont. Lower [illegible], MP, cont.

Braconidae — [illegible] ♀ [illegible] but comparing my [illegible]? ant. 24.

Chelonus sp. [illegible] ♂ black legs? ant 32. Sigalphus [illegible]? ♂, ant 20

Apanteles spp. 3 = A. [illegible] ♂ A. [illegible] ♀

A. [illegible]? ♂

Microgaster globatus? 2♂♂, 1♀.

M. sp. [illegible] ♂, [illegible]?

Eubadizon pallipes group ♂ (? all 3?), ant. 21(?) & 23 (♀), antennae very [illegible] (reddish) at base!

[illegible] ♂, ant. 27, [illegible] collection.

Dacnusa [illegible] ♀, ant. 32, small [illegible] all over!

Opius [illegible] ♂, ant. 22.

O. sp. [illegible]? ♂, ant. 23.

Pentapleura [illegible] ♂ pale legs, ant. 21; ♀ dark legs, ant. 19

[illegible] ♂, with double, dusky legs, ant. 22 - cf. [illegible]
♂, " ", red legs, ant. 23 - sp.?

Orthostigma sp.? small ♂, ant. 19.

[illegible] [illegible] ♀, ant. 21, also another ♀, ant. 22.

D. pubescens ♂, ant. 26; also a small ♀, with reddish antennae? [illegible] ant. 24.

Δ areolaris ♂, ant. 20

Δ. ♀ near dimorpha, ant 28.

Prosopis [illegible] ♀, ant not yellowish at base, ant. 19.

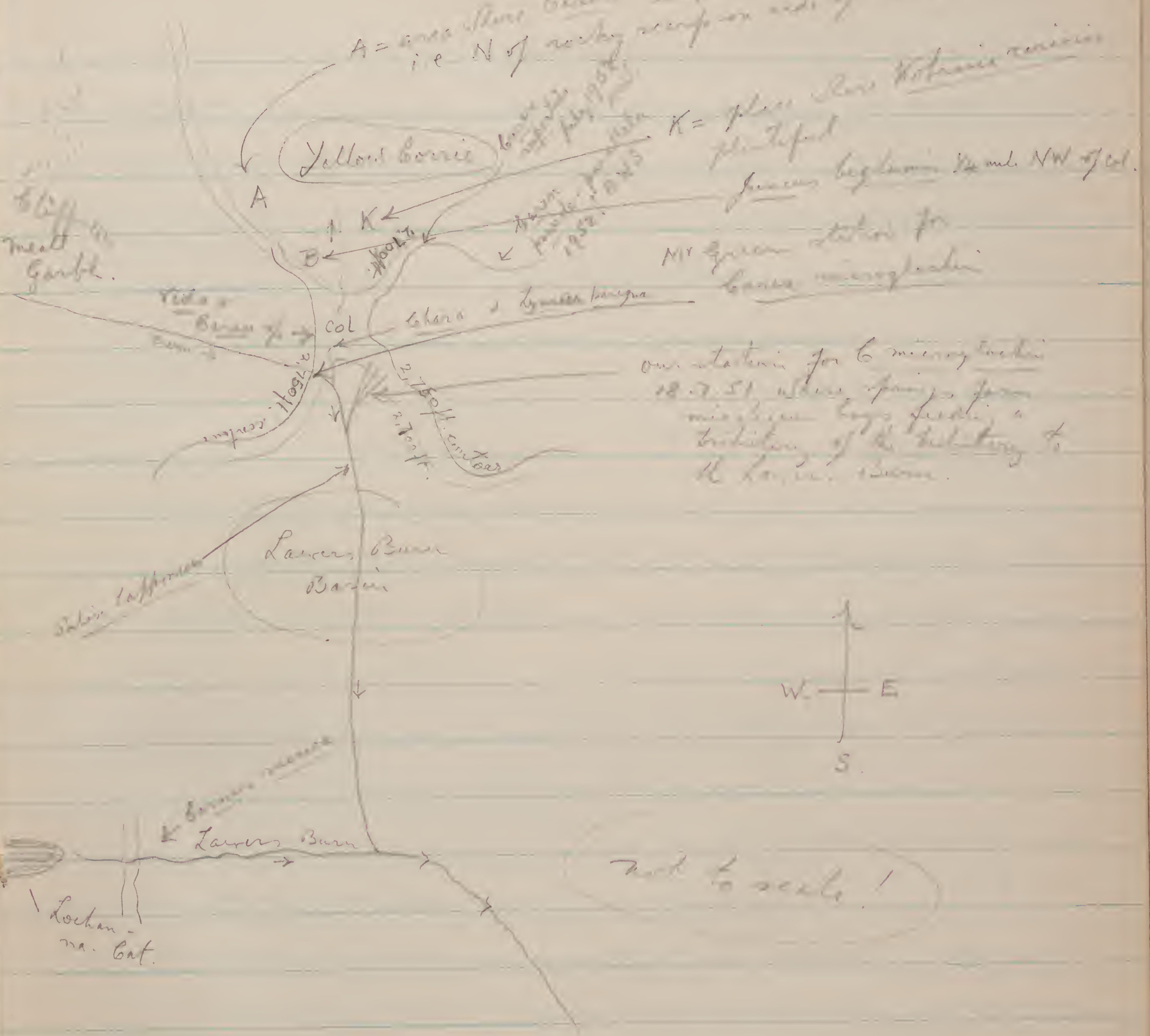
Proctos & Chalcids 12.

Large, black, [illegible]-beetle =

Diptera 3

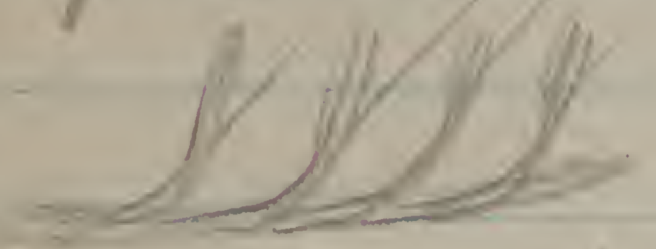
Hemiptera 1

18th July 1951. The most perfect day of our trip. All sunny with cool fresh air & gentle NW breeze. With friend Roger, left hotel about 9.30 & walked up the Lawers Burn & its tributary to the col leading to the Yellow Corrie. On way up the tributary found several bushes of Salix myrsinites & S. lapponum, one of which latter photographed by Roger. On reaching col searched for Carex microglochin & finally found several young spikes in or about Mr Green's station (see sketch opposite) that is just where the Lawers tributary comes off SE slope of Meall Garbh on to col & turns south to join the Lawers Burn. On col in peaty trickle draining S. found a species of Chara (= C. vulgaris?) & with it an abundance of a small form of Limnaea peregra at the remarkable height of 2,700 ft & upwards - probably about 2,720 ft. - a high-spired form of the shell & some with apex eroded. Snow appears to lie heavily on the col & some just melted since we came to Lawers on 29th June & several large patches still on NE slopes of Meall Garbh in the Yellow Corrie. Much Carex atrofusca & Juncus biglumis seen in Yellow Corrie (in much the same place as on 11th July). On return to col spent


A = area where Carex atrofusca most frequent i.e. N of rocky scarp on side of corrie
Yellow Corrie
A
K
B
K = place where Kobresia caricina photographed
Juncus biglumis ½ mile NW of col.
Mr Green station for Carex microglochin
Cliff to Meall Garbh.
Carex sp.
Col
Chara & Limnaea peregra
2,750 ft
2,750 ft contour
2,700 ft.
our station for C. microglochin 18.7.51 where springs form miniature bogs feeding a tributary of the tributary to the Lawers Burn.
Salix lapponum
Lawers Burn Basin
W.
E
S.
Lawers Burn
Lochan-na-Cat
Not to scale!

some time searching for Carex microglochin & eventually found it in plenty in young flowering state in one of the spring-fed bogs feeding a tributary of the main tributary flowing south from the col to the Lawers Burn. Also at same place both Roger

18.7.51 cont. Jallock Corrie, MP, cont.
& I found a small Juncus resembling that given to me a few days previously by D.A. Webb as Juncus alpinus. This resembles J. bulbosus but grows in straight line sending up shoots from an underground horizontal stem



like this. Whether this is really J. alpinus remains to be proved & Roger & I both sceptical though method of growth seems different from normal J. bulbosus. We were unable in the field to see the "articulation" in the leaves which should be found in those of alpinus. Small Mt. Ringlet Butterflies still plentiful all over the moor (= epiphron) & seemingly as fresh as 3 weeks ago!

19th July, 1951. Left Lawers by 12 (noon) bus. Caught 1.43 train from Killin to Glasgow, 9 PM boat Glasgow to Belfast, 8.15 AM train Belfast to Dublin & reached 14 Clareville Rd at 11.50 AM on 20th.
On railway carriage windows at Killin took a specimen of a Dicranura

21st July 1951. A fine sunny day. Garden at 14 Clareville Rd, Dublin, full of Aculeates. Megachile centuncularis & willughbiella, Hylaeus communis, Halictus "sp. nr. smeathmanellus", Crabro varius, Pemphredon lugubris, Bombus jonellus ☿☿ [illegible] ?, B. lucorum ♂♂ & ☿☿, B. hortorum ☿ at Snapdragon, B. lapidarius ☿☿, B. agrorum ☿☿ all [illegible] seen, as well as Vespa sylvestris ☿, microlepidoptera {"from species

23rd July, 1951. Bombus pratorum ☿ taken in back garden at 14 Clareville Rd., on flowers of Saussurea alpina, thus confirming the suspicion that George & I had seen a ☿ of this species on flowers of Geranium ibericum, which on our approach flew over the wall, on 24th June 1951. R.C. Faris during same period has reported B. pratorum from Monkstown & Carrickmines, Co. Dublin.
The apparent arrival & spread of this species since first reported by Faris in 194 is most mysterious!

For continuation of this diary for rest of 1951 see last volume (Vol. 18, p. 274)

45.

1952.

Continued from Vol. 18.

1st to 5th April 1952. Cold & dry & blustery until 4th which day & very windy (SW), followed by rain on night of 4th & 5th, with showers & sun on 5th on which day some growth & flowers on a red & several white garden mossy Saxifrages — front garden open & first flowers on first of Korokia open in back garden. Betula nana almost in leaf, as also Salix reticulata, & flower spikes on Carex [illegible] by water house well up.

6th April 1952. A fine sunny morning with strong cold W wind (Sunday). In forenoon drove to far end of Phoenix Park & left car at White Gate. Walked to Furry Glen & round pond & back again. Heard one Chiffchaff, only, at pond, & Willows in flower, one Jay & one ♂ Sparrow Hawk. Picked up a ♂ Dolerus nigratus on stake of grass near White Gate & saw a Maple in flower in plantation belt near same place: the have upright bunches of flowers — not "tassels" — & are out before leaves. Also examined the Hornbeam (in same plantation) along boundary wall which is filled with scores of small "witches-brooms". Snow-cap on top 300 ft. of Kippure! Showers — afternoon.

46.

8th April 1952. A nice dry day: after an all sunny morning wind changed from W. to E. about 11 AM & clouds, increased, formed over the hills & cut off sun. Left home in car at 10.30 & drove to Glenasmole (upper valley of Dodder in [illegible]) where left car at Murphy's & walked across fields to road along W. side of glen & up old boreen to about 1200 ft past several nice springs: then S. along hillside till we picked up the track from Seehan & Corrig: went down to upper reservoir, round head of same & back by E. side, where heard several Willow Warblers singing — the first for 1952! — & so back to car. Had lunch on hillside at about 1200 ft — shelter of ditch & cold wind. [illegible] mosses for Miss Thomas & collected a few more on roadside below Ballymorefinn. Saw Wood Anemone, Wood Sorrel, & very much Celandine, Primroses, &c in flower, but saw no sign of any of the Swallow tribe & only heard one Chiffchaff (by bridge S. of Murphy's). Very nice spring seen below pile of large boulders on hillside S. of where had lunch & what appeared to be a Badgers' "village" close to where we had lunch, with about seven entrances & enormous mounds of old bedding outside each, which mounds were soft to walk on — spongy!

Rainy day. Small White Butterfly in Rathmines [illegible]

10th April. In afternoon drove to Woodtown & walked up to Killakee & through the new "National Park" of Killakee & back to car. Viola Riviniana seen in flower & Ranunculus auricomus in bud.

12th April 1952. A most beautiful sunny day, with very hot sun over Dublin & the plain. In afternoon drove to Deey Lock on Royal Canal, Co. Kild. Did a little sweeping inside Mr. Mitchell's plantations & along canal W. of same. Here took the following:—

Epitomus pygmaeus 1♀ not ale.

Aspilota (Wesmael) 3♂♂, 1♀ = A. [illegible] not [illegible] A. of [illegible] not [illegible]

Dacnusa of areolaris about six (♂♂ & ♀♀). } [illegible]

Proctos. About a dozen, mostly Trichopria } [illegible].

Chalcids 6 or 7.

Small Staphylinid beetle swept in dozens & many species.

On return journey saw one Swallow near Eskers.

12.4.52. In garden after heavy rain on 10th & 11th & the hot sun, much growth. Crown Imperials & C. [illegible] in flower, [illegible] Arabis & Viola lutea in bud. Saxifraga [illegible] in front garden with some flowers & Euphorbia [illegible] shoots up 3 to 4 inches.

April 1952 Received from D.K. McE. Kevan a series (♂♂ & ♀♀) of an Ichn. bred from the Lesser Wax Moth Achroia grisella. All appear to be Angitia chrysosticta. Locality not given but "England".

13th April 1952. Dull & showers in morning, but after 12.30 brilliantly sunny all day. Sun very hot. Wind light, E. in Dublin, but S. or SW. on hills & on plain in afternoon. Left home in car about 2.15 & drove to Brittas Ponds, where left car. Walked up to Lynch Park & thence round W. side of Slieve Thoul & back over col 1144 ft. to car. Swept a little along roadside at [illegible] S. of Lynch Park, where saw Bombus distinguendus, jonellus & lucorum (1♀ of each!) & Small Tortoiseshells & 1 Peacock Butterfly.

Willow Warbler & Chiffchaff frequent & saw & heard the 4 Whooper Swans as they flew up & down over the Brittas Ponds having been disturbed from the Blessington Lake where J.P. Brunker reported they had been for some time, having been chased from the Brittas Ponds by the Mute as the breeding season approached. In forenoon saw Bombus agrorum (1♀), lucorum & terrestris ♀♀ & two ♀ Vespa sp. (either vulgaris or germanica) & during drives several Small White Butterflies.

Insects taken on roadside at Lynch Park, Co. Dub., ca. 900–1000 ft.

Dacnusa areolaris 5♂♂, 1♀. Aphidius sp. 2♂♂, [illegible] : none [illegible]

Proctos 6 =

Chalcids 2. not [illegible].

Cynipid 1 (others seen not [illegible]).

Hemipteron =

14th April 1952 EASTER MONDAY. After a beautiful morning, drizzly rain in short [illegible], & [illegible] till afternoon & evening & night — sometimes heavy, sometimes light. [illegible].

15th April. After a dull forenoon, a very nice afternoon. Drove in afternoon to Larch Hill & walked up the lane on to E slope of Tibradden at 4 & [illegible] & back. Did not collect. Saw large flock of Sand Martins about the sandpit at Larch Hill gate.

16th April. After a misty morning a lovely warm sunny afternoon with gentle E breeze. In afternoon drove to Glenasmole & left car at [illegible]. Then walked up the upper dam & up to old school on E side of glen & [illegible] along road & across fields to head of upper reservoir & [illegible] back to car along the W side of upper lake. Very many of the willows have been cut to allow fishermen to [illegible] the water.

Swept a little here & there en route — mostly at head of upper lake & along path on way back, & took the following species:

[illegible] [illegible] [illegible] ♀♀ & 1 [illegible] ♀ [illegible] red & black legs: three not [illegible] mounted (cat 21(♂), 22(♀)).

Aphidius [illegible] black legs & black [illegible], small [illegible] [illegible]) 3♂♂ (cat. 13, 9 & 16), 2♀♀ (cat. 14 & 7).

[illegible] [illegible]. 2♀♀.

[illegible] 3

Also saw many ♀ Bombus at Salix & 1 ♀ Psithyrus distinctus [illegible] itself. Saw ♂ & ♀ Scaup ducks on upper reservoir!

17th April 1952. Cloudy day after early morning rain. In afternoon drove to Ballinascorney Gap & walked up to head of Dodder River, then saw the Lycopodium [illegible] [illegible] last year & then out across moor to the shoulder of [illegible] Hill, then ridge to [illegible] of [illegible] & on back to car at the upper quarry. Saw five Red Grouse!

18th April. A most perfect summer day with very hot sun & gentle [illegible] breeze. Left home at 11.30 & drove to Glen of the Downs, where climbed to top of W. side & had lunch there in hot sun. At 3 P.M. went on to Greystones & spent an hour or so with Mrs Palmer. Saw Swallow at Greystones. Tried a little sweeping on way up side of the Glen of the Downs, but produced only 2 small [illegible]:—

[illegible] ♀ ♂ cat. 22.

[illegible] ♀ ♂ cat. 23.

Saw Bombus lapidarius, terrestris & agrorum ♀♀

21st April. Terrific thunderstorm lasting about 3 hours in afternoon following heavy fall of glass & [illegible] [illegible].

22nd April. Much hot sun & blue sky, with showers in afternoon. When during sunny interval at 3 P.M. saw 2 ♀ Bombus pratorum on flowering currant in back garden.

25th April. In afternoon took bus to Whitechurch & walked up to [illegible] at Kilmashogue & [illegible] [illegible] for [illegible]. [illegible] weather fine though all afternoon [illegible] E & S & W [illegible] over Dublin & heavy & continuous rain there.

26th April 1952. Cloudy mild day with gentle E. breeze & some very hot sun. In afternoon spent an hour in the Spider Bank (while waiting for nails to be put in new boots) & saw there many bees, several Q wasps (with vulgaris or germanica), one Large White Butterfly & two or three Orangetips. Trouble with slipping clutch of car necessitating getting new plates in clutch & [illegible] use of [illegible] on 25th.

27th April (Sunday). A very perfect day, sunny, hot sun, but with cool, fresh, easterly breeze. Spent day in garden, or partly [illegible]. In afternoon found one ♀ of Syrphus cinctellus Zett. (?) on the at top of branches of one of the Red Currant bushes in back garden but no ♂ nor any other hymenopterous parasites seen. Vespa vulgaris, Bombus terrestris, B. lucorum & Halictus [illegible] ♀♀ seen.

Many plants in garden now in flower or about so, including Andromeda, Arctostaphylos, Salix arbuscula & reticulata, Salix myrsinites (Ferndown, C.V.) Carex montana, S. vaginata & most of the rosacea ('kabschia') group of Mossy Saxifrages.

28th, 29th April. The former mainly very hot sun, the latter cold & entirely dull.

30th April. SE. wind & drizzle or rain all day till 6 P.M. after [illegible] had fallen steadily for 30 hours. A [illegible] found [illegible] on kitchen floor ([illegible]) & Plusia [illegible]; possibly arrived from [illegible] kindling near kitchen range & brought in from garden some time previously, since the [illegible] has been known to breed in [illegible] for many years past.

1st May 1952. Grey, mild, warm day with most sun after a rain-soft previous night, with [illegible] morning & at times during day. In late afternoon drove to Ballinascorney Gap, Co. Dublin, & walked up [illegible] road for a mile, across [illegible] & back to car, gathering mosses for Mr. Thomson to show at D.N.F.C. Conversazione on Monday 5th May, including Bartramia pomiformis in fruit, which grows on W. side of road [illegible] above the upper stone quarry.

Two Swifts seen 8 P.M.

2nd May. Although glass high & slowly rising for 2 days, rain all day from S.E. & chilly, so that we had a fire in evening.

3rd & 4th May. Cold, with E. wind & drizzle or rain most of the time.

5th May. Cold & dull till 1 P.M. then cleared after wind gone W. No rain.

6th May. Glass still low & at same level since 3rd. Wind fresh W. & later S. strong & rather cold, but much hot sun in forenoon & late afternoon. Some slight showers with small, cold, hail in the latter. In afternoon drove to Glenasmole & walked up road up W. side of glen & back to old [illegible] on E. side, then out across fields to upper dam & back to car. Lots of Swallows & Whitethroats & lots of flowers, including Herb Robert & Lady's Smock.

7th May. In afternoon drove to [illegible] & walked up hill to Tervin [illegible] & stone circle on Knockananna where collected more of the red moss ( ) on limekiln, & other mosses, for Mr. Thomson.

8th May. Daisy not well & later developed attack of jaundice & very ill for a few days. Have no notes for a week except as follows:—

11th May 1952. Fr. & worker Bombus jonellus on flowers of Mediterranean Heath – back garden. Heavy hail & thunder showers in afternoon. Hot sun before & after.

13th to 17th May. Hotter & hotter & more sunny & more sunny as the week progressed. Many small bees etc. in back garden, including Hylaeus communis?

18th May. Not so sunny hot as previous three days & cold wind most of the day. To George Lowe for weekend & with [illegible] company. I drove Alan Mitchell & [illegible] to Killoughter [illegible] S. end of the [illegible], Co. Wi., arriving there about 11.40 & stayed till after 5 P.M. Conditions very perfect for insects but for [illegible] hymenoptera [illegible] in a [illegible].

Collected by sweeping in two areas as follows –

1 = sandy strip [illegible] railway S. of Killoughter [illegible] 12 noon till 1.30 P.M.

2 = ditto N. of Killoughter to George Lowe; also edge of wood S. of & at [illegible] lane. 2.30 – 4.30 P.M.

(Left for home about 5.10 & home about 6.30 P.M.)

Saw the following bees. Osmia aurulenta ♂♂ & ♀♀, Bombus lucorum, agrorum, muscorum & lapidarius, Andrena albicans. ♀♀ & ♂ B. muscorum seen on flowers of Orchis incarnata at 2.

Scilla verna in full flower in many places at 1 & 2.

1952

18th May cont. Killoughter, Wi., cont.

Taken at 1. [illegible]

Ichneumon [illegible] ♀. [illegible] ♀, set 35.

[illegible], set 36, [illegible]

=

Phygadeuon 2 [illegible] not rtd.

[illegible] ♀♀, set 24 & 25.

[illegible] not rtd.

[illegible] ♂♂, very [illegible]

[illegible] 23.

[illegible] lugens Hol. ♂, set 21. / [illegible]

[illegible] Hol. [illegible] 41. G(S) of [illegible]

[illegible]

D. glabra, [illegible] ♂, set 31.

D. [illegible] ♂, set 20. [illegible]

[illegible] ♀♀, set 40 & 41, very [illegible]

[illegible]

[illegible] none rtd.

[illegible] none [illegible]

[illegible] 1 not rtd.

Diplazon 1. "Stork Fly" =

13th May 1952, cont. Killaught, W., cont.

Taken at 2 [illegible] (37 mounted for [illegible] labelled 30.1.1954.)

Aritranis leucopygus (= elegans, Desv.)* [illegible] ant. 24.

[illegible] 5 : not noted.

[illegible]

[illegible] : 1 very small ♂ ant. 16; 3 large ♂♂ ant. 22, 21, 32; 1 ♀ ant. 17.

[illegible] 2 : not noted.

[illegible] ♂, ant. 25.

[illegible] 2 : mutilated = [illegible] ant. 34, ♂

angelus, [illegible] 1 ♂ (ant. 28), 1 ♀ (ant. 27) [illegible]

[illegible] 1 ♂, ant. 23; 1 ♂ ant. 28; 1 ♀, ant. 19.

Myriarthrus cingulator ♂, ant. 32.

[illegible] fulvipes 1 ♂ (ant. 37), 1 ♀ (ant. 32).

[illegible] ♂, ant. 26.

[illegible] 2 ♂♂, ant. both 17.

[illegible] 1 ♀ [illegible] 2 not noted.

[illegible] 2 ♂♂

[illegible] cariniscutis ♂, ant. 23.

[illegible] 2 ♀♀, ant 19 & 20 [illegible]

[illegible] 1 ♂, large, ant. 34.

[illegible] ♀, ant. 32

[illegible] = O. [illegible] W. dark ♂, ant. 24.

O. of longicornis ♂, ant. 36

56.

Killaught, Co. W., cont.

13.5.52, cont.

Taken at 2 cont. [illegible] ♂, ant. 17 [illegible]

[illegible] ant. 19 ♀.

[illegible] ant. 22

[illegible] = [illegible] large ♂, ant. 31

[illegible] ♀ ant. 22 [illegible] perfect specimen

[illegible] ant. [illegible]

[illegible] 1 ♂, ant. 25

[illegible] 3 : none noted.

[illegible] 2 : none noted.

[illegible] 5 : none noted.

Pycnocryptus peregrinator ♂, ant. 33 taken at 14, [illegible] Rd., Harold's Cross, Dublin.

[illegible]

19th May. Very fine & hot. 20th May. Cool east wind, dry with rain on night of 20th. 22nd?

21st May. Warm again, still in forenoon, [illegible]. Then drove to Louisa Bridge, Leixlip, KD, to get specimens of snail Amphipeplea glutinosa in canal on stonework of bridge for C. G. Davis, a party on Sat. See below. Swept for 20 minutes on slope from canal to road & around near the chalybeate well & took a few Ichneumonidae as follows: — Labelled "Louisa Bridge" KD.

[12 mounted & thus labelled 21.1.1954.

21·5·52, cont. [illegible] Bridge, [illegible], Kent, cont.

Arge ustulata ♀ on hawthorn, [illegible] in full flower.

Tenthredo arcuata ♀ : [illegible]? Not like!

[illegible] ♂, [illegible] 19 [illegible] =

Orthocladius [illegible]? ♂, [illegible] 17, [illegible]

[illegible] ♂ : [illegible]

[illegible] ♂ : [illegible]

[illegible] ♀ : [illegible]

[illegible] ♀, [illegible] 27 ([illegible])

[illegible] ? ♂ : [illegible]

Opomyza [illegible] ♂ [illegible]. O. [illegible] ♂ [illegible] 21 (but [illegible] from Germany, W. 27.7.1939)

[illegible] ♀, [illegible] 22

Dolichopus [illegible] group ♂ : [illegible]

D. 'postica' (Hal.) [illegible] 1937, [illegible] ♂, [illegible] 25, [illegible] ♂ [illegible]

D. [illegible]

D. (G.) [illegible] ♀, [illegible] 22

Microchrysa [illegible]? ♂ : [illegible]

Aphidius spp. 2♂♂, 1♀ [illegible]

Proctos. 2 =

Chalcid. 4 : [illegible] =

Cynipid 1 : [illegible]

[illegible] first [illegible] Hawk Moth!

22nd May 1952 [illegible]

[illegible]

[illegible] Miss Zoe Hill [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] Hampstead [illegible]

[illegible]

[illegible]

[illegible]

[illegible] — [[illegible] 20.1.1954]

[illegible], [illegible] W. of Newport [illegible]

[illegible] 2♂♂, [illegible] 21 & 22 [illegible]

[illegible] ♀,

[illegible] ♂

[illegible] ♂ [illegible] 26

[illegible] 2♂♂, 4♀♀, [illegible] 21 [illegible] 19 [illegible], 20 [illegible]

[illegible]

[illegible] 20 [illegible]

D. (G.) [illegible] ♂ 21 [illegible] ♂ [illegible]

[illegible] ♂, [illegible] 26.

[illegible] →

22.5.52, cont.   Sword estuary, Co. Dub.

Phaeogenes sp. ♀ [illegible]

Pegomyia ? sp. ♂ [illegible]

Meteorus sp. [illegible] [illegible] [illegible] [illegible]

[illegible] sp. ♂♂ [illegible] [illegible]

[illegible] [illegible] [illegible]

[illegible] sp. ♂ [illegible] 25

[illegible] = [illegible] ♂ [illegible] 18

[illegible] sp. [illegible] [illegible]

[illegible] sp. [illegible]

[[illegible] [illegible]]

Proctos 4

Chalcids abundant. 16 in [illegible]

Beetle (Staph.) in [illegible]

Apterous [illegible] brachypterous

23rd May 1952. Another very hot fine day

24th May 1952. Very hot & nearly all morning. Met Mr A. E. [illegible] (President of Entomological Soc. of Ireland), & his two friends Messrs. Bartolomé & Payne, at

24.5.52, cont.   Attanagh & River Nore, Co. Q.C.

Kingsbridge station & took 9.20 AM train to Attanagh in order to search River Nore & obtain specimens of the pearl mussel Margaritana margaritifer Phillips, & which we were successful in obtaining 25 live & about 100 dead shells but no young ones. These were nearly all obtained by Payne & Bartolomé who put on shorts & waded up the river in 2 to 3 feet of water. The [illegible] 1/4 to 3/4 mile above Attanagh Bridge & below the place where R. A. Phillips, Charles Oldham, R. H. J. Welch & I got specimens — Oct 1926.

I did a little sweeping on left (east) bank of R. Nore before lunch & after lunch (when sun was [illegible] hidden by cloud & being very small by sweeps were short.

1 = [illegible] & [illegible] of [illegible] for 3/4 mile above bridge

2 = [illegible] [illegible] into [illegible] [illegible] [illegible] just [illegible] boundary wall of [illegible] House

Left bank of R. Nore, above Attanagh, Q.C.

Taken or seen at 1 [33 [illegible] from 1 & those checked 22.1.54.]

Bombus lucorum, agrorum & derhamellus ♀♀ seen.

Psithyrus rupestris on roadside between railway & bridge

Andrena jacobi ♀ seen & Halictus rubicundus & smaller species seen nesting in sandy bank

24.5.52, cont. R. Nore, Q.C., cont.

Taken at 1, cont.

[illegible] ♂ [illegible]

[illegible] ♀

[illegible] 8: 4 only std. = "Stethonini group" aff [illegible] ♀, std. 18.

[illegible] ♂, std 20. [illegible] ♂, std 24.

[illegible] ♀, std. 7.

[illegible] = cf. [illegible] var ♂ std 36, [illegible]

[illegible] ♂ std. 36.

B[illegible] ♂♂ std. [illegible]

B. [illegible] ♀, small, std only 27, [illegible]

B. cf. ornatum ♂, std. 28+. B. [illegible] ♀, std 29 [illegible].

B. [illegible] ♂ std. 32.

[illegible] 1 only, std 38.

[illegible] large ♂, std. 38. E. [illegible] ♂, std. 32.

O[illegible] ♂, std [illegible]. O. [illegible] ♂, std 23.

O. [illegible] std 38

D. [illegible] ♂, std 22.

O. (B.) [illegible] ♂ std 36.

[illegible] fuliginosa ♂, std 77.

[illegible] ♂♂, std. 42 [illegible]

[illegible] 11: none std.

B. [illegible] ♀, std 25, [illegible]

B. [illegible] ♂ std 34.

B. arenella ♀, std 30 [illegible]

D. (Gyrocampa) affinis ♀ std 40.

[illegible] (1928), Watts, Smith Tottenshall

Brooklands, [illegible] Butterflies seen

[illegible] ♂♂ 1899

[illegible]

24.5.52, cont. R. Nore, Q.C., cont.

Chaetocnema conjungens ♂♂ [illegible]

std 22 [illegible]

[illegible] of [illegible] ♀: std [illegible].

[illegible]: none std.

[illegible] ♀, std [illegible].

[illegible] 2: 1 std. = Bembidion andreae F. (= [illegible] Steph.) fide H.W. [illegible]

Taken at 2. [20 [illegible] from 2 & then [illegible] 23.1.54.]

[illegible] ♂♂ std.

Bracon [illegible] ♂♂ (std 28, 30, 30, 31 & 33), [illegible]

O[illegible] ♂♂ std.

Aphaereta [illegible] ♀, std. 34. [illegible] ♂♂ std., std 31

D[illegible] ♂ & D. [illegible] ♀: none std.

D. [illegible], small ♀, [illegible] std. 24.

D. [illegible] ♂, std. 34 [illegible]

D. [illegible] ♂, std. 34.

D. (Gyrocampa) [illegible] small ♂, std only 24.

D. (Gyrocampa) affinis [illegible]

D. (G.) fuliginosa ♂♂ (std 27 & 28) [illegible] std [illegible].

Chaetocnema conjungens ♂♂, all [illegible] none std.

[illegible] "Sligo" ♂ std 37.

[illegible] 2: none std.

[illegible] 1.

25th May 1952 Nearly all sunny; very warm. SW wind in 4 Kings River; ENE in Dublin. Drove (alone) with Alan Mitchell & his wife to Kings River Valley – around the new Lake, via Ballyknockan, to the Ballystockan Brook, where arrived about noon. Walked up the Brook to about 1,200 feet & had lunch – much Saxifraga stellaris in full flower.

After lunch came back to road & [illegible] [illegible] along the bank [illegible] to edge of lake & [illegible] till [illegible] where much willow scrub, hazel, some birch, Bog Myrtle, &c. Saw one clump of Empetrum nigrum just above the lake level & just N. of the brook, & at [illegible] the [illegible] feet. Also Hypericum elodes. Here caught the following, or some more:—

Ballystockan, Co. Wi. [25 mtd. & these labelled 8.2.54. 1 mtd. & labelled 26.5.52.]

Empis [illegible] of ♀♀ at Salix: not kept

Empis [illegible] sp. ♂, probably [illegible], meadowsweet; not mtd.

[illegible] palustris [illegible] at edge of lake, not mtd.

[illegible] ♂ on birch, not mtd.

[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] ♂♂ at oak, not mtd.

[illegible] 7 = [illegible] [illegible] ♂ [illegible]

[illegible] [illegible] ♀ mtd. 22. [illegible] [illegible] ♀ mtd.

[illegible] not mtd. [illegible] (Ch.) [illegible] ♀ mtd. [illegible]

Pimpla oculatoria ♂, mtd. 28.

26.5.52, contd. — Ballystockan, Wi, contd.

[illegible] [illegible] ♀ at Salix. [illegible] [illegible] ♂, mtd. 29.

[illegible] [illegible] ♂ not mtd.

[illegible] [illegible] ♂ [illegible] [illegible] [illegible] ♂ mtd. 29.

"[illegible]" i.e. Hadrodactylus [illegible] typhae ♂ mtd. 24, ♀ mtd. 28.

[illegible] " } [illegible] [illegible] [illegible] [illegible]

[illegible] " }

[illegible] 3 [illegible] [illegible] ♂, mtd. 29; white [illegible]

[illegible] ♀, mtd. 14 – [illegible] [illegible] [illegible] =

[illegible] 2 ♂♂ not mtd. & 1 ♀ [illegible] = [illegible] [illegible] mtd. 30.

Bracon of [illegible] ♂, mtd. 31.

B. of [illegible] ♀ mtd. 30, [illegible] mtd. both 29: [illegible]

Apanteles 2 not mtd. [illegible] [illegible] not mtd.

Euphorus pallipes ♂ mtd. 28. [illegible] [illegible] of [illegible] ♀ mtd. 25.

[illegible] [illegible] ♂ mtd. & labelled 26.5.52.

[illegible] [illegible] ♀ mtd. [illegible] [illegible] ♀ mtd. [illegible] ? ♂ mtd. 24 [illegible] not mtd.

[illegible] [illegible] = [illegible] ? [illegible] ♂ mtd. 17.

[illegible] [illegible] ♀, mtd. 16. [illegible] [illegible] from [illegible] NO. 22.6.53. [illegible] No. 29.

A. sp. ♀ mtd. 16 [illegible]

Dacnusa [illegible] [illegible] ♂ = ? [illegible] ♀ not mtd.

D. ([illegible]) [illegible] 3 [illegible] ♂♂, mtd. 25, 26 & 26

[illegible], 2 Dacnusa [illegible] mtd.

25.5.52 contd. – Bally[illegible], Wk, cont.

Ixeuman (Gyrocampa) affinis sup.s.a & eligans: 2 ♂♂ & [illegible]

[illegible] 3 ♂♂, 1 ♀: not etd.

Aphidiinae 2 ♂♂: not etd.

[illegible] & Scales of [illegible]: not etd.

Chalcids 2: not etd.

Diptera 2: 1 etd. =

Beetles (Oleina?) 2: not etd.

Small Heath Butterfly [illegible]

31st May & 1st June 1952. Chilly & mainly wet. Had fire in evening of 1st (Whit Sunday).

2nd June (Whit Monday). Fresh sun with showers, but on the whole a nice day. In afternoon Daisy & I drove to [illegible] Road, [illegible], & walked up to [illegible] Park & back. Many insects out but did not collect. Just S of entrance to [illegible] Park, i.e. above 1,000 feet, were two Painted Lady Butterflies, each apparently with its "territory", as we once saw one chase the other away & return & settle on the road. Both seemed pale & one rather worn. Many ♀♀ of Bombus agrorum, a few derhamellus & three lucorum seen. The two first always at flowers of Vicia sepium & one of the latter at Ulex. Wall Butterfly also seen.

3rd June 1952. A sunny nice day with much hot sun, but several showers, during & after which there was a cold strong wind from N.W.

In afternoon drove to Louisa Bridge, Leixlip, Kd. with Kenny to show the habitat for [illegible] on S. side of the bridge near Royal Canal. I collected for about ten minutes — with often a shower — between the bridge & right bank of the Rye Water & above the aqueduct. Those labelled Rye Water, Co. Kd.

[illegible] labelled 3.vi.1952

Butterfly: Dingy Skipper (tages ♂)* *like the English form: marsh near Rye Water, given to E.F.A. [illegible], [illegible] 1952.

Coleoptera 3 = Donacia 2 spp. = [illegible] & D. [illegible]

& Rhinoncus viridipennis.

Diptera 1 =

And one, root, of Lesser [illegible]

Ichneumon ♂, black, with white band = Barichneumon [illegible] ♂ ent. 24.

Phygadeuon ♂ — [illegible] ♀, ent. 25.

[illegible] ♀ [illegible] ent. 20.

Stenomacrus [illegible] ♀ & ♂ Orthocentrus [illegible] ent. 29.

[illegible] ♂ & ♀ Homoporus cinctus dark ♀, ent. 21.

Eurypracta (Syndipnus) lateralis, small ♀, ent. 27

[illegible] ♀ not eff. = ent. 26

" ♀ [illegible] = ent. 19

Bracon of [illegible] but [illegible] & one labelled of [illegible] ♂♀, ent. 25 & 27

B. [illegible] ♀ ent. 28. B. of [illegible] ♂ ent. 30 very dark [illegible]

Apanteles of [illegible] ♂ A. inferior? ♀

A. of inferior ♀ A. of [illegible] 2♂♂

3. 6 52, cont. — Rye Water, KD., cont.

Phaenocarpa [illegible] ♂

Aspilota (Synaldis) [illegible] filicornis ♀, ent. 17.

Dacnusa areolaris, [illegible], [illegible] & [illegible]?, — none mtd

D. [illegible] ♀ : not mtd

D. cybele Nixon : a large & beautiful ♀. I think taken a round 20 yards from [illegible] & [illegible] in a rather [illegible] [illegible] ; ent 37. (Labelled 2. 6. 1952.).

Praon volucre ♀, not [illegible] [illegible] ♀ or

Bracon [illegible] 4 ; 3 mtd. =

Blacus [illegible] 2 : 1 mtd. [illegible] =

[illegible] 1 =

— See note of 11th June, p. 78 →

4th & 5th June [illegible] [illegible], [illegible] ♀, seen in garden, at [illegible] on 4th & on [illegible] on 6th

A ♀ Bombus lapidarius seen on Anchusa a few days earlier. Bombus terrestris ♀ seen on 4th & B. lucorum ♀ on 5th. Many [illegible] [illegible] seen.

5th June 1952. A very fine day after heavy rain in early morning. Much hot sun & no wind. Dull aft. 4 P.M.

In afternoon drove to Woodend, on S. side of the [illegible] reservoir, 1 mile E. of the new Blessington bridge Co. Wl. Collected by sweeping in two areas

5. 6 52, cont. Woodend, Co. Wl., cont.

1 = side of tributary stream between road & reservoir about 100 yards west of triangle of road ([illegible] [illegible]). Marsh ground

2 = under trees, by ledge, & stony shore of reservoir (where [illegible] collected before?) about 300 yards W. of station 1.

Woodend, Wl.

Taken at 1 : 2·30 - 3·30 P.M. ([illegible] [illegible] [illegible] [illegible] [illegible])

Tenthredo [illegible], [illegible], [illegible] & [illegible] }
Dolerus ♀ & [illegible] [illegible] ♀ } none mtd
Empria ♀ ♀ — [illegible] [illegible] }

Cryptinae : [illegible] ♀ ? small ♂ ent 19 ([illegible] or [illegible] ?)

[illegible] ♀ ♀, [illegible] [illegible], 15-[illegible] ent, not mtd.

Promethes pulchellus ♀ : mtd. Polyblastus ♂

Perilissus orbitalis, ♂ ent 28. [illegible] [illegible] [illegible] [illegible]!

Meloboris ♀ 3 ♀♀ : none mtd

Helictes, 2 ♂♂ 1 ♀, on alder = H. ♀, ent 25 [illegible] = ♂, 25 = ♀.

Bracon nivalis ♂, ent. 37. B. [illegible] ♀, ent 35.

Rogas [illegible] ♀, ent 45. [illegible] [illegible] 1 ♀, ent 39.

Euphorus pallipes, ♂, ent 24. B. [illegible] ♂, ent 32

Opius [illegible], [illegible] & [illegible] (3 ♀♀) & 2 others

Phaenocarpa conspurcator 1 ♂ 2 ♀♀ : 1 ♀ mtd. [illegible] [illegible] [illegible] [illegible], ent 27.

Pentapleura [illegible] ? ♂ : not mtd.

5.6.52, contd. Woodend, W1, contd.

Taken at 1, contd. [A. [illegible] ♀, ent. 19. A. [illegible] ♀, ent. [illegible]

Aphidius 4: 3 std. A. [illegible] ♂ (not std.) & ♀, ent. 19.

Dacnusa [illegible] & [illegible], [illegible]; D. [illegible] ♂ none std.

D. [illegible] ♂ & ♀ not std. D. [illegible] ♂, ent. 36

D. areolata ♀, ent. 29.

D. erythrocera Nees, [illegible] (not [illegible] !) ♂, ent. 22.

D. (Gyrocampa) [[illegible] ♂ & ♀ ?] : 6♀, ent. 25 only std. [illegible]

Ch[illegible] [illegible] 3♂♂ & 2♀♀ not std. [illegible]

[illegible] [illegible] 2♂♂: not std.

Aphidius sp. ♀: none std.

[illegible] ♀: 2 std. =

Chelonus ♀ none std.

[illegible] ♀ not std.

Taken at 2. [[illegible] 13.3 [illegible]]

Aphidius [illegible] ♂: not std.

Cryptinae ♀: [illegible] std. = Leptocryptus ? ♀, ent. 29

Atractodes sp. ♀, ent. 23, [illegible]

Phygadeuon sp. [illegible] ♀, ent. 13.

Bassus [illegible] [illegible]: not std.

Promethes [illegible] ♀ & [illegible] dorsalis ♂ neither std.

5.6.52, contd. Woodend, W1, contd.

Taken at 3, contd.

Stenomacrus [illegible] Holmgr.? ♀♂♂ (ent. 20(?), 31(?))
& ♀♀ (ent. 29 & 30).
Agree well with Holmgren's description but [illegible]

Pristomerus [illegible] ♀, ent. 25.

Porizontinae ♀ 5: 4 std. = Thersilochus? sp. ♀, ent. 18, [illegible]

Thersilochus? sp. 1♂ (ent. 27), 2♀♀ (ent. 25 & 26) [illegible]

Campoplex? 1♂, 1♀: not std.

Helictes ♂: not std.

[illegible] ♀ not std. [illegible] ♂

Bracon ♀: only 1♀ & 6♂♂ std. = B. sp. [illegible] ent. 29

B. sp. 3♂♂ [illegible], ent. 29, 30 & 31.

B. sp. 2♂♂ [illegible], ent. 26 & 27. B. sp. [illegible] ♂ 29

Rogas circumscriptus ♂: not std.

Apanteles [illegible] ♀ & [illegible], not std.

Euphorus [illegible] 1 [illegible], ent. 22 (♀?).

Opius irregularis 1 & O. caesus 6: not std.

O. [illegible] ♂, ent. 27; [illegible]

O. [illegible] ♂, ent. 25.

O. [illegible] ♂, ent. 28. O. [illegible] ♀, ent. 20.

Alloea contracta? [illegible] ♀

Tanycarpa ancilla ♂, ent. 23

Pentapleura [illegible] ♂ not std. Phaenocarpa [illegible] ♀, ent. 30

Phaenocarpa [illegible] 5♂♂, 2♀♀ none std. P. [illegible] & [illegible] 1♀ not std.

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5·6·52, cont. (2). Woodend, Wi, cont.

[illegible] [illegible] 2 ♀♀, at 18 & 19; the former with [illegible] and [illegible].

A. [illegible] [illegible] ? [illegible] ♂ at 25.

A. (Syn[illegible]) [illegible] ♂ at 30, ♀ at 15,

Dolichopus [illegible] & [illegible] frequent. D. [illegible] ♀

D. [illegible] ♂, at 33 D. [illegible] , at 32 D. [illegible], [illegible] 35

D. [illegible] [illegible] ? ♂ at 28. D. [illegible] ♂, at 40

D. [illegible] [illegible] ? ♂, at 33, [illegible]!

D. (Gymnopternus) [illegible] ♀ 34. D. (G.) [illegible] 3 ♀♀ [illegible], at 32 & 33

Chrysotus [illegible] ♂; none [illegible]

[illegible] [illegible] ♀ not [illegible]

Aphidiae [illegible] 1 ♀ [illegible] = [illegible] pale yellow [illegible]

A. of [illegible] [illegible] — [illegible] [illegible] at 14–15 [illegible] [illegible] [illegible]!

Psocids: about 20; only 5 mounted =

[illegible] [illegible] ♀;

Chalcids ♂: none [illegible]

[illegible] [illegible] [illegible] =

Moss

Tetraptodon bryoides Lagb.
from South Prison,
Lug., Co. Wi. AWS
8·6 1952 Fide J.S. Thomson

8th June 1952 Drove (alone) with Alan Mitchell to Coan, Glen of Imaal, Co. Wi, & spent the day on Lug in mist with vegetation dripping, but no rain. Arrived Coan about 11 A.M. & went straight to the South Prison, via ridge behind Camara Hill, &

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8·6 52, cont. Lugnaquillia, Wi, cont.

had lunch there about 1.30, as Mitchell wanted to see Ring Ouzels (saw & heard one frequently "piping" but not the male!). After lunch went to the black vertical band on cliff on E side of the upper part of South Prison — facing the big cliff beneath summit — & found the Sedum rosea in vertical crack about 10–12 feet from base of cliff; it did not appear to be going to flower but had eight shoots about 4 inches high & was almost hidden from below by grass, &c, growing in the crack. The black band on cliff appears to be due to a moss (?) & not a black piece of rock as appears from a distance.

Later climbed N end of big cliff to the summit, seeing only some Salix herbacea (on rugs near top) & a patch of Stitchwort (S. Holostea) about 200 feet only below top or even higher!

From summit walked across plateau into head of North Prison & down Slaney & over ridge & so back to Coan at 6.30 P.M. but saw nothing till we got below the mist & walked out of the North Prison. Rest of day in brilliant sunshine! Home 8.30 P.M.

9th–10th June 1952. Very warm & nearly all hot sun. Many small aculeates in garden, incl. a Crabro varius, C. chrysostomus, Hylaeus communis, Halictus spp., Andrena jacobi (worn ♀), Nomada marshamella ♀, Megachile (versicolor or centuncularis?) ♂♂ & ♀♀, Odynerus parietum ♂♀, Bombus lucorum, B. terrestris (♀ on Helianthemum in front garden), B. hortorum ♀ at Foxglove & Snapdragon, B. agrorum ♀♀, B. muscorum (a lovely ♀ at Snapdragon on 10th), Psithyrus barbutellus ♀ & Bombus lapidarius. [The ♀ Psithyrus [illegible] all over for some days!]

See entry under 16th June, p 78 →

11th June 1952. A very warm sunny day with gentle NW breeze & considerably hot in the sun, dull in evening & no wind. In afternoon drove to Manor Kilbride, Co. Wi. & collected in a small triangle of woods, as often before. Filled 2 [illegible]; [illegible]

1 = N. & western end of triangle

2 = towards S. end of triangle, by trickle of water along road from Tinode to upper Liffey, & [illegible] & swamp above upper road of triangle, but only a portion in last.

Manor Kilbride, Co. Wi.

Taken at 1 [54 mounted from 1 & these labelled [illegible]]

[illegible] 2 (1♂, 1♀) =

11.6.52, cont. Manor Kilbride, Wi. cont.

Taken at 1 cont.

Epitomus pygmaeus ♀ ; [illegible]

Cryptinae 15 (all ♂♂!) & only 2 ♀ [illegible] [illegible]

[illegible] 2, [illegible] 28 =

[illegible] ♂. [illegible]

Dacnusa [illegible] ♂ [illegible]

Mesochorus sp. 1♂, 1♀ ; very [illegible] 21(♂) & 20(♀).

Aperileptus sp. 1♂ 1♀ [illegible]

Apanteles black sp. 12 ♂ & ♀ (? all same species!) [illegible]

Euphorus pallipes abundant, as on 13.6.1951.

E. [illegible] ? 1♀, [illegible] 21

Opius spp. 14, including singularis 1♀, cingulatus 4 (♂ & ♀)

O. [illegible] ♀, [illegible] 34

O. [illegible] O. [illegible] ♂ [illegible] small, [illegible]

Pentapleura angustula & pumilio ♂ & ♀ ; 5 all told.

Phaenocarpa livida 1♂ 1♀ [illegible] Ph. [illegible] 1♀ [illegible]

Adelura florimela 3 [illegible]

Aspilota spp. very abundant & forming the bulk of the small [illegible] — 37 mounted, including [illegible] (?)

dentifemur ♀ [illegible], [illegible]; tumida [illegible], [illegible]

A. divisa [illegible] 1 small [illegible] ♀, [illegible] 18. A. atra a huge ♂ [illegible] 29. A. [illegible] cf. 2 small ♀♀, [illegible] 17 & 18.

A. planifrons group. ♂ [illegible] 24. A. cf. [illegible] [illegible] 21. A. sp.? [illegible], [illegible] 20.

A. cf. [illegible] ♀ [illegible] 17. A. [illegible] ♀ [illegible] 17. A. [illegible] ? ♀, [illegible] 16. A. [illegible] small ♀, [illegible] 16.

11.6.52, cont.   Manor Kilbride, W1, cont

Taken at 1, cont.

Aspilota (Syrphidae) [illegible] ♂, ent. 21.   A (S) [illegible] ♀, ent. 17.

Orthostigma 2♀♀, one very 'large' = O. [illegible] ♀, ent. 22.

O. cf. [illegible] ♀, ent 20

Dacnusa areolaris, [illegible], [illegible], [illegible] (1♂): ent 18 (non mid.) all det'd

D. adducta 7 (♂ + ♀) {2♀♀ ent. [illegible] = 34 [illegible] [illegible]}   D. melanocera ♀ {[illegible] ent. 25, 26 & 24}

D. [illegible] 10 [illegible]   D. [illegible] 2 [illegible]   D. [illegible] ♂ [illegible]

D. [illegible], [illegible] ♂, ent. 39.   D. [illegible] ♂, ent. 38.

D. [illegible] ♀ ent. 35 [illegible]?   D. [illegible] ♂ ent 35 [illegible]

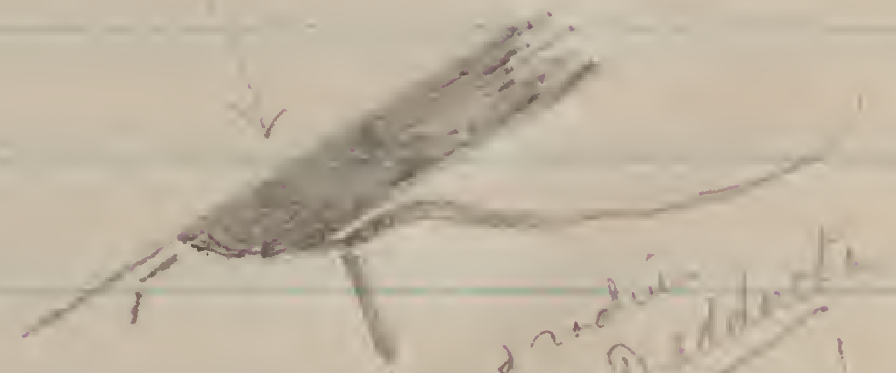
D. [illegible] ♂, ent. 39.

D. (Gyrocampa) affinis 5♀♀: not ntd.

[illegible] (2, [illegible]) [illegible] [illegible]: ♀ not ntd.

Aphidius [illegible] ♀: none ntd.

Proctos 22: 10 ntd.



Stigma & radius of large ♀ D. adducta recorded above!

Chalcids 17: none ntd.

Cynipids 4: none ntd.

[illegible]:

Diptera [illegible] =

11.6.52, cont.   Manor Kilbride, W1, cont.

Taken at 2   [25 [illegible] from 2 [illegible] 11.6.52 : 24 labelled 25.3.54.]

Bryonid ♀ =

Epilampra [illegible] ♀: not ntd.

[illegible] [illegible] ♂ [illegible]

[illegible] ent. 38.

[illegible] [illegible] ♂, ent 36.

[illegible] [illegible] 25.3.1954 [illegible]]

[illegible] ent. 26 [illegible]]

[illegible] ♀: ent. 19.

K. G. V. Smith
Photo.
In the Lane at Killamuller,
Co. Wl.
Aug. 1951.
A.W.S. with insect net!!

32

102

A.W.S. ~~by~~ by Lawers Burn 1/7/51
Saxifraga aizoides in foreground

2 601

By small burn on S. slope of Ben Lawers just below the highest moraine!

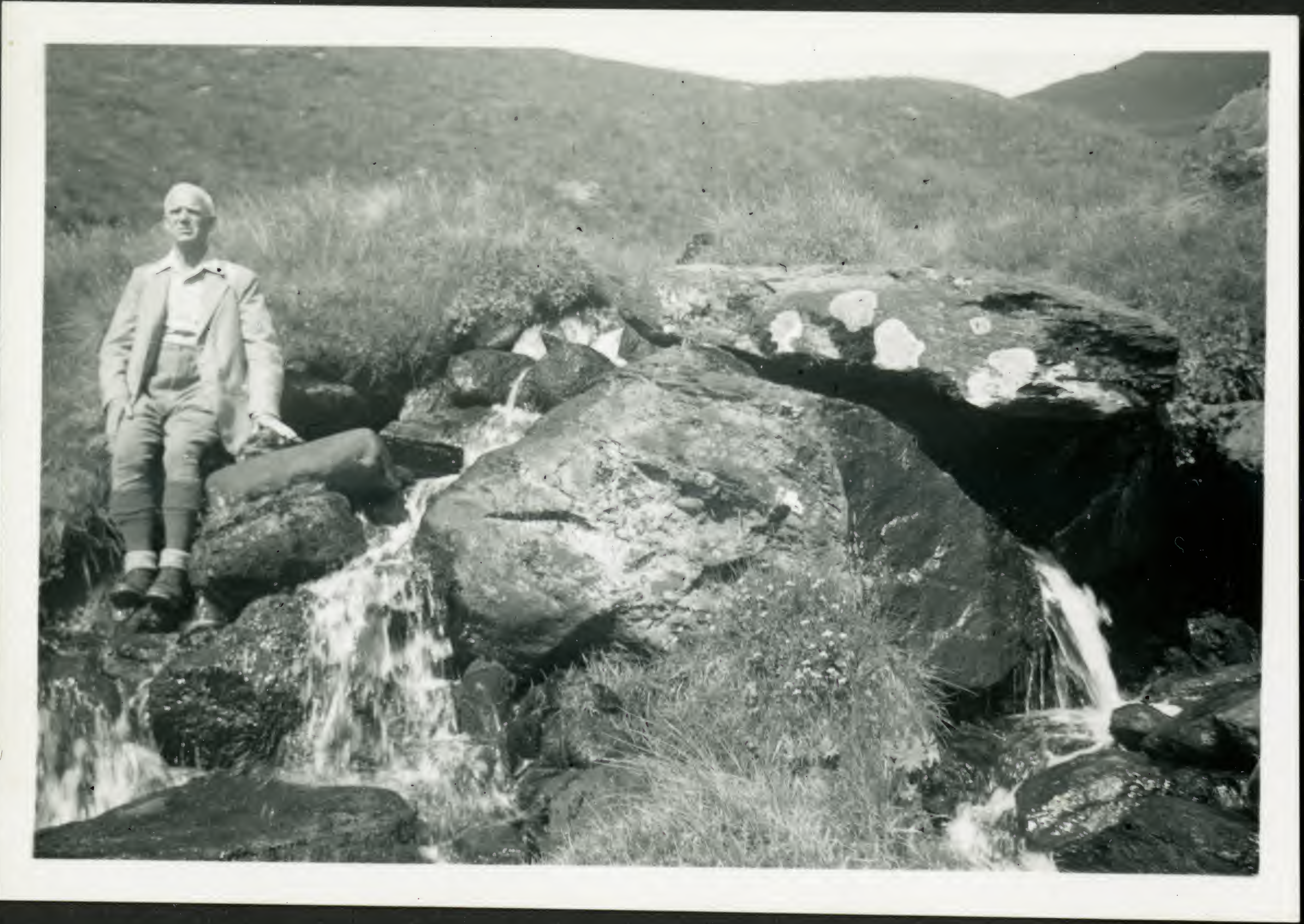
Opius caesus 2 + other [illegible] [illegible] (3 [illegible])

= O. cf. ballistes ♀, ent. 24   O. cf. [illegible] ♀, ent. 24

O. cf. [illegible] ♀, ent. 25

Alloea contracta 2♂♂: not ntd.

Adelura [illegible]: 1♂, 1♀: not ntd.



102

A.W.S. ~~by Lawers Burn~~ 1/7/51

Saxifraga aizoides in foreground

2 601

by small burn on S. slope of Ben Lawers just below the highest moraine!

Velox

K. G. V. Smith
Photo.

Velox

In the Cave at
Killoughter,
Co. Wi.

22

Velox

Aug. 1951.

A.W.S. with sweep net!!

Velox

11.6.52, cont.   Manor Kilbride, W1, cont

Taken at 1, cont.

Aspilota (Spathia) ? ♂, ent. 21. A (S) ? ♀, ent. 17.

Orthostigma 2♀♀, one very large' = O. [illegible] ♀, ent. 22.

O. cf. [illegible] ♀, ent. 20.

Dacnusa areolaris, [illegible], [illegible], [illegible] (1♂): only 18 ntd. (none ntd.)

D. adducta 7 (♂ & ♀) {2♀♀ ntd. ent. 33 & 34 [illegible]} D. melanocera ♀ {[illegible] ent. 25, 26 [illegible]}

D. [illegible] 10: ntd. D. [illegible] 2: ntd. D. [illegible] ♂: ntd.

D. [illegible], nr [illegible] ntd ♂, ent. 37. D. [illegible] ♂, ent. 38.

D. ? ♀ ent. 35 [illegible] D. ? ♂ ent. 36 [illegible]

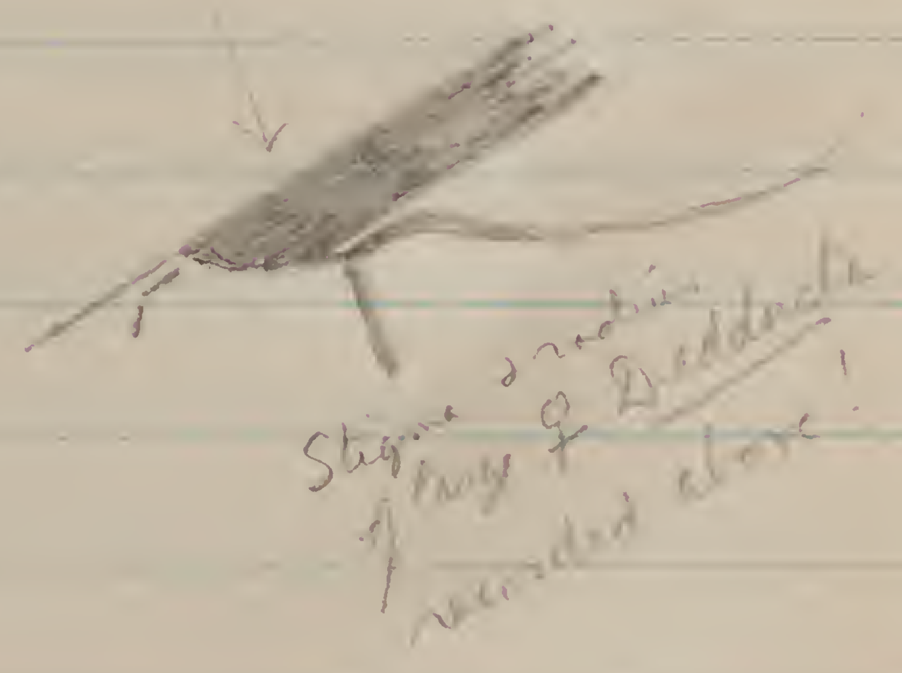
D. [illegible] ♂, ent. 29.

D. (Gyrocampa) affinis 5♀♀: not ntd.

[illegible] ♀, not ntd. [illegible] ♀: not ntd.

[illegible] spp. only ♀: none ntd.

Proctos. 22: 10 ntd.


Stigma & radius of ? ♀ D. adducta recorded above!

[illegible] 17: none ntd

[illegible] 4: none ntd.

[illegible]:

Diptera [illegible] =

11.6.52, cont.   Manor Kilbride, W1, cont.

Taken at 2   [25 [illegible] labelled 11.6.52; 26 labelled 25.5.54]

[illegible] ♀ =

[illegible] [illegible] ♀: not ntd.

[illegible] 5, including [illegible] ♂ & [illegible] ♀, only one ntd = [illegible] ent. 41.

[illegible] [illegible] 1♀, ntd [illegible] ♂ ent. 40.

H. [illegible] 1♂: not ntd.

[[illegible] labelling 25.2.1954 [illegible]]

[illegible] 1♀, ent. 26 [labelled [illegible]]

[illegible] ♀, taken [illegible] ent. 19.

[illegible] 2: not ntd.

[illegible] sp? 2♂♂, 1♀: not ntd.

Aspilota spp. 6: not ntd.

[illegible] ♂: not ntd.

[illegible] [illegible] 2: not ntd.

[illegible] 1 (♀?), ent. 19.

[illegible] [illegible] ♂: not ntd.

[illegible] [illegible] ♀: not ntd.

Opius [illegible] 2 & others [illegible] (3 ntd)

= O. cf. [illegible] ♀, ent. 24. O. cf. [illegible] ♀, ent. 27

O. cf. [illegible] ♀, ent. 26

Alysia [illegible] 2♂♂: not ntd.

Adelura [illegible] ♂, ♀: not ntd.

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11. 6. 52, cont. — Manor Kilbride, Wi., cont.

Taken at ?, cont.

[illegible] [illegible] ♂ not std.

Argyra ♀♀ 14: 5 [illegible], std. = A. [illegible] large ♀, std. (17) damaged.

A. cf. [illegible] ♂ not 20. A. [illegible] ♀ [illegible] still [illegible]

A. cf. [illegible] ♂, not only 24, [illegible] 3 [illegible] longer than 4!

A. [illegible] ♀, not 17.

Orthochile 2 ♂♂, cf. [illegible] not [illegible] 22.

Dolichopus [illegible], [illegible], [illegible], [illegible] (not) 15 [illegible]

D. [illegible] 3, D. [illegible] 28, 7 D. [illegible]

D. [illegible] & D. [illegible] & D. [illegible] [illegible] mounted

D. [illegible] 4 {2♂♂ 1♀ mounted not 23, 1/25} D. [illegible] ; [illegible] labelling 1952 DNS

D. [illegible] ♀, not 29 D. [illegible] ♂, not 29

D. [illegible] ♂, not 29. D. cf. [illegible] not 35. (?♂ ♀)

D. [illegible] ♀, not 31.

[illegible] (?) [illegible] 10 ♀♀ not std. [illegible] [illegible] 12 not std.

[illegible] [illegible] & [illegible] [illegible] neither mounted

[illegible] ♀ 2 not std.

[illegible] 11 none std.

[illegible] 10 only 1 std. =

[illegible] 13. only 1 std. =

[illegible] 6 none std.

78

13th June 1952. Saw a [illegible] ♀ [illegible] [illegible] on Snapdragon in late afternoon [illegible] [illegible] & another ♀ of B. pratorum [illegible] on flower of Rose.

14th June. Saw many [illegible] ♀ of B. pratorum at flowers of [illegible] [illegible]

16th Ju[illegible] at least 2 ♀♀ of [illegible] [illegible] Snapdragon. Also 2 ♀♀ of V[illegible] [illegible] off [illegible] of

[illegible] [illegible] dead in water-[illegible] — one presumably seen in garden; see p. 67 [illegible]

17th [illegible] dull, chilly weather; [illegible] strong W wind; see also p. 83 →

22 [illegible] heavy rain in morning, [illegible] early afternoon [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] at [illegible].

Saw a ♀ Megachile [illegible] [illegible] at flowers of Potato, apparently [illegible] the pollen.

In afternoon drove to Brittas Pond, [illegible] DU, & left car on main road; then walked up to the end of Lynch Park, sweeping sides of lane & hunt —

A.W.S. "dubbing" his boots!

photo Miss W. Hart.
12.7.52.

ILFORD ILFORD ILFORD

9

3

ORD ORD

Wasps' nest
(? V. norvegica)
on larch at head
of plantation by
the Lawers Burn

5/M

Miss W. Hart
photo.
July 1952.

ILFORD
ILFORD

11.6.52, cont. [illegible] [illegible], W1, cont.
Taken at 2, cont.
[illegible] [illegible] ♂ none std.
[illegible] spp. 14; 5 only std. = C. pulvinata large ♀, ent. (17?) damaged!
C. cf. nigro-rufa ♂, ent. 20. C. [illegible] [illegible] ♀, [illegible] [illegible] [illegible] a 14. [illegible]
C. sp. near [illegible] ♂, ent. only 24. ent. [illegible] 2 [illegible] larger than 4!
C. [illegible] ♀, ent. 17.
Orthotylus 2 ♂♂, cf. [illegible] ? but both [illegible]
[illegible] [illegible], [illegible], [illegible], [illegible] (10) 15 only
D. [illegible] 2, D. [illegible] 28 ♀. D. [illegible] (
D. [illegible] – D. [illegible]; D. [illegible] [illegible] [illegible] {[illegible] [illegible] [illegible]}
D. [illegible] {20 ♂♂, 1 ♀ mounted ent. 23, 33, 25} D. [illegible] ?1; not seen after labelling 1954 [illegible]
D. [illegible] ♀, ent. 39. D. [illegible] ♂, ent. 39
D. hera ♂, ent. 29. D. sp. [illegible] ent. 35 (♂♂, ♀)
D. arcuata ♀, ent. 31.
S. (?) affinis [illegible] ♀ not std. [illegible] [illegible] 10 not std.
[illegible] [illegible] & [illegible] [illegible] neither mounted
[illegible] 2 not std.
[illegible] 8 none std.
[illegible] 10 only 1 std. =

[illegible] 13. only 1 std. =
[illegible] 6: none std.

12th June '52. Saw a [illegible] of [illegible] [illegible] on Snapdragon [illegible] [illegible] flowers [illegible] [illegible] & another ♀ of [illegible] [illegible], [illegible] on flowers of Rose.
14th June [illegible] [illegible] ♀ of [illegible] [illegible] at flowers of [illegible] [illegible].
16th June In back garden at least 2 ♀♀ of [illegible] [illegible] seen – one on Foxglove, the other at Snapdragon. Also 2 ♀♀ of Vespa sylvestris [illegible] [illegible] [illegible] of [illegible] [illegible] of back garden Snapdragons. Found 2 [illegible] [illegible] dead in motor house – one previously seen in garden?
17th – 21st June Mainly dull, chilly weather; temp. 57 [illegible] warmer & very wet on 21st with strong W wind; see also p. 83 →
22nd June 1952 After being [illegible] in morning, [illegible] & a lovely afternoon with [illegible] [illegible] & NW–W wind. After sun came out, [illegible] [illegible], [illegible] in back garden [illegible] [illegible] & [illegible] [illegible] [illegible] & [illegible] of [illegible] [illegible] [illegible] [illegible] leaves of Rose [illegible] at [illegible] [illegible]. Saw a ♀ [illegible] [illegible] [illegible] at flowers of Potato, apparently [illegible] the pollen.
In afternoon drove to Britten Park, to [illegible] & left car on main road; then walked up to N end of Lynch Park, sweeping side of lane & [illegible] →

79.

22. 6. 52, cont. Lynch Park, Co. DU.

Insects taken at 1 (i.e. except along side of lane above Brittas Road, as far as 1st Lynch Park stone pillar, 700 to 1,000 feet. Very many insects out & especially on Ash growing in hedges.

Lynch Park, DU (1). [33 ants. from 1st three labelled 22. 3. 1954.]

Tomostethus ephippium – one ♀, very red mesonotum

Tenthredo mesomela – very many.

T. arcuata ♂♂ & ♀ [illegible]

Dryinid ♀: Anteon jurineanum?

Stenodontus marginellus ♂ ant 28.

Phaeogenini 2 ♂♂ = {Phaeogenes cf. fuscicornis ♂ ant. 26 / " cf. [illegible] ♂ ant. 25

Alomyia debellator 2 ♂♂ [illegible] ant. 31

Cryptinae 7, including a [illegible] little [illegible] ♀, ant. [illegible], [illegible] notum, [illegible], standard wings = "[illegible]"

Atractodes [illegible] ♂, ant. 28.

Pimpla pomorum ♂, ant. 20 P. brevicornis ♀. not ctd

Banchus [illegible] 2 ♂♂ [illegible] Tryphon signator ♂ not ctd

Stenomacrus laricis {[illegible]} ♂♂ very common, mostly on Ash

St. rubiceps 2 ♀♀ ant both 24.

Mesochorus ♀ not ctd.

Campoplegid 7, including [illegible] ♀♀ none ctd.

[illegible] ♀, very small; ant only 29

[illegible] minutus ♀, ant 23.

[illegible] ♀ not ctd.

R [illegible] ♂ not ctd.

(80.)

22. 6. 52, cont. Lynch Park DU., cont.

Taken at 1, cont.

Apanteles spp. 5 [illegible]

Microplitis spp. 4 [illegible]

Microgaster [illegible] 2 ♂

Earinus [illegible] ♀, ant. 35.

Blacus [illegible] ♀.

Diospilus capito ♂ Opius [illegible] 1 ♀.

Pentapleura pumilio ♀.

Phaenocarpa [illegible] small ♀, ant. only 28.

Orthostigma cf. [illegible] 2 ♀♀, ant both 21.

Aspilota spp. 10: mostly ♀♀, including A. [illegible] 5 & G. {♂, ant. 20 / ♀, ant. 18

A. [illegible] 5 & G. 3 ♀♀, ant. 20(2) & 21. A. [illegible] a small ♀, ant. 17.

A. cf. fuscescens ♀ ant. 18 [illegible]!

A. cf. fuscescens very dark ♀, ant. 19: as similar ♀ from [illegible] 20.(2) 4. 5. 1948!

G (5) [illegible] ♀, ant. 17.

Dacnusa [illegible] 3. D. [illegible]

D. [illegible] ♀ [illegible] =

D. [illegible] ♀, ant 31.

D. [illegible] 2 ♀♀, ant. both 25, [illegible]!

D. [illegible] ♀, ant. 22.

22-6-52, cont. Lynet Park, Dl., cont.
Taken at 1, cont.
Praon volucre ? ♂ & ♀: not std.
Aphidius spp. 12: none std.

Proctos. 9: only 1 std. = Exallonyx longicornis ♂

Chalcids 5: none std.

Cynipids 4: not std.
Ceraph. 1: not std.

Taken at 2. (N of gate & nearer to Lynet [illegible]: [illegible])
[12 std. from 2 & those labelled 20.3.1954.]
Cryptinids 7: only 2 std. = Hemiteles ? sp. ♀, std. 25
Microcryptus ovidum ♂, std. 28.

Stenomacrus [illegible] 1♀, 3 pale ♂♂: none std.
St. cuneicaudatus 2 ♀♀, std. 25 & 26. St. [illegible] ♂, std. 27.
[illegible] sp. 1♀ not std. [illegible] ♂ not std.
Campoplegids std. [illegible] [illegible]: none std.
[illegible] ♂: not std.
[illegible] ♀, std. 28, [illegible] 2 + 3.
Apanteles sp. ♀, not std.

22.6.52, cont. Lynet Park, Dls, cont.
Taken at 2, cont.:
Euphorus pallipes. 1♀, std. 33.
Macrocentrus collaris, ♀, std. 32, Homolobus testaceus.
Aphaereta tenuicornis ♀: std. Pentapleura pumilio ♀: std.
Aspilota ruficornis 1 large ♀♀ not std.
" sp. 3 smaller ♂♂: none std.
" (Synaldis) sp. small ♀, not std.
Dacnusa elegantula ♀♀ std. D. cyclops ♀♀: not std.
D. [illegible] ♀, std. 28 - cf. "[illegible]"
D. [illegible] group 8: none std.

Praon dorsale ? ♀, std. 20.
Monoctonus caricis 2 small ♀♀: not std.
Aphidius [illegible] 5: none std.

Proctos 1
Chalcid 1
Cynipids 2
} none std.
Others 2 =

23 June 52. Three ichns given me by Rev. K. M. Dunlop. Host & locality unknown, but probably Dublin district:—
[illegible] sp. ♀ (pinned)
Ichneumon sp. ([illegible]): large black species.
Pimpla [illegible] ♂ ♀

24th June 1952. A long legged Diptera with narrow black banded wings taken in garden, 44 Clareville Road. —

=

21st June 1952. Four small Diptera taken flying round the bottles with on doorstep at 8.0 P.M. Daisy having reported seeing them on several occasions previously.

=

A small [illegible] — Hemiptera. [illegible] 21 — taken in back garden running on plant in pots against W. wall

SCOTTISH TRIP 1952.

26th June 1952. Left Dublin by 5.20 train for Belfast & took boat there to Glasgow. Very warm.

27th June 1952. Caught 8 A.M. train (by 60 seconds!) at Buchanan St station & arrived Killin (Perth) about 10.50. Rain & drizzle nearly all forenoon & early afternoon. Had to wait at Killin till train brought bus to [illegible] [illegible], as we stayed at the Ben Lawers Hotel, so divided our time between having lunch, seeing the Falls of Dochart (which were fine after a night's heavy rain) & collecting — the latter all done by Messrs W. R. & Dr. Graham who had come overnight from Hope Museum, Oxford, & joined us at Glasgow. Graham collected [illegible] near the [illegible] [illegible] ground near the Dochart Falls & off living trees & beneath same just E. of the [illegible] bridge over the R. Lochay on road leading to the pier on Loch Tay. Here Graham took many [illegible] including [illegible] [illegible] [illegible] (30+) & [illegible] [illegible] [illegible].

After afternoon tea at 4 P.M. we went down lane & [illegible] [illegible] [illegible] & [illegible] up the glen of the Lawers Burn & the Lochay, back to road & hotel.

27.6.52, cont. — Lawers (base & glen), Mid Perth.

Exyston ♀

Scamb. [illegible] [illegible] ♀ [illegible] [illegible] ♀ [illegible] [illegible] [illegible]

Cryptinae 2 ♂♂

Orthocentrus protuberans 3♀♀ & several ♂♂ [illegible] sp.

Stenomacrus ♀

[illegible] [illegible] & [illegible] [illegible] ♂ & ♀

[illegible] [illegible] 4 [illegible] [illegible] ♂

Polyblastus 2 spp 2

Mesochorus 2 spp

Campoplegidae 5

[illegible] & [illegible] 2 ♂

Colastes braconius & [illegible] [illegible] ♀ ♂

[illegible] [illegible] 5♂♂ (1♀ taken by Graham)

[illegible] [illegible] 4 ♀♀

[illegible] [illegible] 4 ♂♂ & 5 others

Pentapleura pumilio ♂

Tanycarpa [illegible] 1 ♂

Colastes braconius ♀

[illegible] [illegible] ♀) [illegible] [illegible] ♀ & [illegible].

Dacnusa [illegible] 2♀♀. D. [illegible] ♂

D. [illegible] ♀ D. [illegible] & [illegible] [illegible]

D.

D.

D.

D.

Bracon ♀

Ephedrus [illegible] ♂

Proctos 6

Chalcids 5

Cynipids 2

—

[illegible] aenigmatica [illegible] 6♂♂, 1♀ taken by Graham ([illegible] [illegible] in [illegible]) & 2 ♂♂ given to me.

28th June 1952. Fine but mainly dull with S.W. wind till 3.30 P.M. after a fine night. Then heavy rain till bed time.

Maureen, Gordon & I left hotel at 10.15 & went up S. slope of Ben Lawers, keeping just behind Meall Odhar & then mainly straight up towards summit. Had lunch at 1.20 on rocky scree at about 3,600 ft. & then worked up to scarp S.E. of summit & made W. to top of W. corrie, on way passing the patch of Sax. cernua on S. slope, which this year consisted of 15-20 plants bearing "spikes" & the best part of 100 young plants — all on the one ledge. Then made our way to summit as it was obvious that rain was near & after spending some time there admiring the view & Maureen taking two photos, looking S & W. [illegible], we made [illegible] along the N. ridge & finally dropped down to [illegible] [illegible] & so home by the Lawers Burn. [illegible] all the [illegible] plants but nothing else. [illegible] three lots of moss & lepidoptera for Mr. [illegible].

Around the first crag on the ridge N. of the summit were flying two Swifts & one appeared to come out of a hole in the rocky crag. When [illegible] joined us they flew away! Could they have been nesting there? [Later No! only feeding. [illegible]]

28.6.52. cont. Ben Lawers, [illegible]

Ptarmigan. After lunch, while collecting mosses, etc., on the scarp facing South at c. 3,500 ft., we saw & heard ptarmigan all around us, & saw 8 adults at one time moving away as we went on up towards the summit. The growling noise they made was very varied in its carrying [illegible] & [illegible] [illegible]. Some of them [illegible] more like those of the Raven. Saw also one raven below the lunch place, but except for that no other birds were seen on the higher ground except the Swifts and Meadow Pipits, which were seen almost to the summit. A Sandpiper seen & heard by [illegible] near [illegible] in exactly same spot as in 1951.

29th June 1952. A very fine day with gentle S.W.W. wind, warm, with most hot sun. 'Sunday'. Spent day about Lawers & collected in areas as follows:—

1 = Under elms & ash trees, in small plot, at foot of lane to hotel. 12 noon till 12.40 P.M.

2 = Rough edge to field & birch clumps [illegible] in ravine between hotel & Loch Tay. 2.30 till 4.0 P.M.

3 = Amongst [illegible], along shore of L. Tay for 1/2 mile W. of [illegible] pier. 4.30 – 5.30 P.M.

4 = In [illegible] from [illegible] (ruined) house near pier to road at [illegible]. 5.30 – 6.30 P.M.

29. 6 32. cont   Lamma, mid Path.

Taken at 1 (foot of [illegible] 12 noon till [illegible]).

[illegible] [illegible] frequent at 1a.

[illegible] 12 [illegible] [illegible] [illegible] 30.

[illegible] [illegible] 5

[illegible] 10

[illegible] [illegible]

[illegible] [illegible] 9

[illegible] 2

Chiloma sp 5

Euploea sp [illegible] 5

[illegible] [illegible] 2

[illegible] sp 4

Pentaphlebia [illegible] small 9.

Appias sp 6

[illegible] [illegible] [illegible] 2

[illegible] [illegible] 3.

[illegible] sp 4.

29. 6 32. cont.   Lamma, Mt. cont.

Taken at 6 [illegible].

Tirumala 10

Appias sp 3.

Eurema 2

{ [illegible] 2 [illegible]

Shaded, about 30

[illegible]ham at 1.

[illegible]hardall. [illegible] very [illegible] [illegible]

Ben Lawers (AWS. at summit)

~~1/7/52~~

2 958 28/6/52!

29. 6. 52. cont.   Rannoch, mid Perth.

Taken at 1 (Foot of Loch 12 noon till 12.30 p.m.)

[illegible] [illegible] [illegible] at [illegible].

[illegible] [illegible] [illegible] [illegible] coloured [illegible]

[illegible] Westlake ♂

[illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible] ♀

Campoplegidi ♀

Chelonus sp. ♂

Euphorus cf. pallipes ♂

Diospilus capito ?

[illegible] sp. [illegible]

Pentaplexus [illegible] [illegible] ♀.

Aspilota sp. 6

[illegible] [illegible] [illegible] 2

[illegible] elegantula 3.

[illegible] [illegible] [illegible].

29. 6. 52. cont.   Rannoch, M.P. cont.

Taken at 1, cont.

Tenthredo ♂

Ophion sp. ♀

[illegible] ?

[illegible] = [illegible]

[illegible] [illegible] 3♀

[illegible] ?

Taken by Mr [illegible] Graham at 1.

Bombus [illegible] [illegible] : [illegible] [illegible] [illegible] [illegible]

27.6.52, cont.   Lanyon, NR, cont

Taken at 2. Marshy field, [illegible] 2.30 to 4.0 PM

Agriid ♂

Tryphonids 3 ♂♂ ([illegible])

Stenomia [illegible] ♀ [illegible]

Hemerobius [illegible]

[illegible] ♂♀ [illegible]

Lumnodama small ♂

Bracon [illegible] 3 ♂♂ [illegible]

B. [illegible] 1 small ♀

Stelomus [illegible] ♂, [illegible]

Campoplex [illegible] (M) [illegible] [♀ taken by M.G.]

Apanteles [illegible] ♂♂ ♀♀

Agathis [illegible] ♂

Euphorus of pallipes 6 ♀♀ ♂

E. [illegible]

[illegible] 2 ♀♀

Apanteles [illegible] 2 ♀♀ [illegible]

C

C

Aphaereta [illegible] ♂ Pleurotropis [illegible] ♀

[illegible] [illegible]

27.6.52, cont

Taken at 2, cont

Dacnusa [illegible] ([illegible]) [illegible]

[illegible] (1), [illegible] (1 ♀), melanocera (1 ♀)

D.

D.

D.

[illegible] [illegible]

[illegible] [illegible]

[illegible]

Proctotrupidae 15

Chalcids 10

Cynipids 3

[illegible]

Hymenoptera small, [illegible], [illegible]

90

29.6.52, cont. Lawn, W.P., cont.

Taken at [illegible] [illegible] [illegible] Trap. 4.30–5.30 pm):

Dryinid 1 ♂

Cryptinids 17, including [illegible] spp., Hemiteles spp. ♂

2 small [illegible] [illegible] [illegible] [illegible] (2) =

[illegible] spp.

[illegible] [illegible] 1 [illegible]

Bassus deletus ♀ 1

Banchus [illegible] ♂

[illegible] [illegible] 1 Orthocentrus [illegible] ♀

Metopius [illegible] [illegible]

[illegible] ♀ [illegible] ♂

Bracon fulvipes [illegible] 5 3 1

[illegible] ♂

Apanteles [illegible] [illegible] 1 [illegible] ♂

Euphorus 1

Opius [illegible] ♀ O. [illegible] ♀

1 [illegible]

[illegible] [illegible], 1 small ♀, 1 dark legs.

[illegible] rufipes ♀

91

Taken at 2.

[illegible] sp. 1

Bracon stramineipes ♂, [illegible], [illegible], [illegible]

[illegible], [illegible] ♀, [illegible] [illegible] ♂♀

2.

2.

2.

[illegible] [illegible] ♂♀ [illegible] [illegible] [illegible]

[illegible], [illegible] [illegible], [illegible] 1

[illegible] 17

[illegible] 9

[illegible] 4

Beetles 3.

1 Amara sp. = Amara

1 Chrysomela ?

Snail [illegible] [illegible]

93

29 i 32 cont. [illegible]

Taken at [illegible]

[illegible] 2 ♀♀ [illegible]

[illegible] 11.

Glypta [illegible] 2♂♂ 1♀

[illegible]

[illegible]

Bracon [illegible] 1♂ [illegible] ♂

[illegible] ♀

[illegible] ♂ [illegible]

[illegible] ♂

[illegible] elongata ♂

[illegible] 2♂♂ 1♀ [illegible]

[illegible] ♂

2 [illegible] ♀

Rogas irregularis 2♀♀

[illegible] ♀

Apanteles [illegible] 2♂♂

[illegible] ♂

[illegible] ♀

[illegible] 1♀ 1♂

[illegible] ♂ [illegible] ♀

---

29 i 32 cont.

Taken at [illegible]

[illegible] ([illegible])

Opius [illegible]

[illegible] 1♀

[illegible] 1♀ Ph. [illegible] ♂

Ph. [illegible] 1♀ [illegible]

(Ph. [illegible] ♂ taken by M.G.)

Aspilota [illegible] (♂ [illegible])

A. [illegible] ♂ [illegible] ♂

[illegible], [illegible], [illegible]

2.

2.

2.

[illegible] ♂

Aphidius 7

Dolerus aeneus ♂ [illegible] (♀ taken by M.G. at 3).

[illegible] 15.

[illegible] 10

Cynipidae 4

Hemiptera

Curculio. 1 = Phyllobius viridicollis ♀ fide H W Daltry.

30th June 1952. A very bright windy day (W.) after a stormy night & rain all forenoon [illegible]; warm & with all sunny. Spent forenoon clearing up yesterday's catch, but in afternoon collected in three places as follows:—

1. In lane to pier & edge of field E. of lane & below the [illegible] in lane 2.30 – 3.30 P.M.
2. Upper afternoon [illegible] above road & by stream & old [illegible] vegetation at ruined cottage W. of the Lawers Burn, alt. ca 800 ft.
3. In deep [illegible] of [illegible] on W. side of Lawers Burn in conifer plantation, alt. ca 1000 ft. 4.30 – 6.30 P.M.

Lawers, M.P.

Taken at 1. (lane): 2.30 – 3.30 P.M.

[illegible] 2 [illegible] —

[illegible] 14

Tryphon 2

[illegible] 1

Mesoleius ♀

Homotropus ♂ [illegible] ♂

Stenomacrus ♂

30.6.52, contd. Lawers, M.P., contd.

Taken at 1,

Mesochorus, 2 ♀♀.

Campoplegids 5

Bracon [illegible] 2 ♀♀ [illegible]

[illegible] ♂

[illegible] 2 ♀♀

[illegible] of [illegible] ♀

[illegible] ♂

[illegible] 5 ♂♂

[illegible] ♀ [illegible] 2 ♀♀

Opius 2

([illegible] taken by M.G.)

[illegible] 2 ♀♀.

[illegible] ♀ [illegible]

[illegible]

Dacnusa [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], ♂

30. 6. 52, cont — [illegible], N.P. cont.

Taken at 1, cont.

Dacnusa

D.

D.

D.

[illegible] [illegible] ♀

Coelinius "Stigo" ♂

[illegible] [illegible], [illegible] [illegible]

Aphidius sp 2

[illegible] 1

Chalcids 5

Cynipids 3

Taken at 3. [NE of hotel, alt ca 800ft]

Dryinid ♂

[illegible] [illegible] [illegible] [illegible] ♀

[illegible] ♀ [illegible] (cont 2).

[illegible] [illegible] ♂

[illegible]? black yellow face, ♂ 2

[illegible] ♀

[illegible] 1

30. 6. 52, cont — [illegible], N.P., cont.

Taken at 2, cont.

[illegible]:

[illegible] [illegible] ♂

[illegible] [illegible] 1 [illegible] ♀ ♂

[illegible] [illegible] ♂ ♀

Opius 2

([illegible] [illegible] ♀ taken by M.G.)

Phaenocarpa ruficeps ♂. (Coelinius "Stigo" ♀ taken by M.G.)

Dacnusa [illegible] [illegible] ♂♂

Trioxys [illegible] ♀ [illegible] [illegible] 2

Aphidius sp 1

[illegible] 1 Chalcid 1 Cynipid 1

Ichneumonid 1 = [illegible] [illegible] F fide H W Daltry.

[illegible] [illegible] [illegible]. [illegible] ([illegible]) { NB These were taken at 3

Large dragonfly seen – 2 ♂ [illegible]

Taken at 3, [NE of hotel, alt ca 1000ft]

[illegible] [illegible] 1 [illegible]

[illegible] [illegible] ♂♂ ♂ Opius ♀

Coelinius [illegible] 2

Dacnusa

Rocks

1st July 1952. A very warm, still, day, with much hot sun, after a fine night. Rain in morning & evening at 7.30 P.M.

Breakfast & travelled from Killin at about 9.45 & walked up the SW corner of Ben Lawers. Found the burn leaving [illegible] there [illegible] of Salix lapponum grows on the right bank & reached top of the [illegible] cliffs on Ben Glas side of the corrie. Rain had ceased. Later walked to cliffs facing north on Ben Glas where the big snow patches lay in 1947 & 1951 & found a surprisingly big flora including very much Saxifraga nivalis & Myosotis alpestris, as well as most of the ordinary Lawers plants such as Sibbaldia, Salix reticulata, Alchemilla alpina, Juncus trifidus, & Poa alpina, while the grass slopes below the cliffs where the snow had lain longest were covered with big plants (in flower) of both Viola [illegible] & V. palustris. After leaving cliff came to an eagle & followed edge of cliff to summit of ridge & dropped down to a [illegible] there in a small corrie (about the 2,200 ft contour) in which I [illegible] some snow, [illegible] of which had frost on it although [illegible] of water — but probably not so during dry spell last month.

1.7.52, and [illegible] visited [illegible] on ridge S of [illegible] & [illegible] with [illegible] of Lawers & [illegible] edge of cliff [illegible] summit of Ben Lawers [illegible]. These [illegible] of Myosotis & [illegible] Erigeron [illegible] not [illegible] Gentiana nivalis [illegible] slope below cliffs [illegible] of Lawers [illegible] southern ridge, [illegible] down the NE side of [illegible] 6.40, spending [illegible] half [illegible] Lychnis [illegible] Juncus trifidus grows. [illegible] ridge on Ben Glas side of [illegible] Lawers. [illegible] (55) seen at ca. 3,000 ft.

Mrs Stelfox [illegible] Present [illegible]
[illegible]
at Lawers
(A.W.S. Mrs [illegible] & Rev [illegible])
photo [illegible] Head
13.7.1952

2nd July 1952. A [illegible] windy day with rainy [illegible] after [illegible] heavy rain at night, cooler.

Everything very wet in morning, until wind shifted from W to N. about 11 A.M. In afternoon went by 2.35 bus to Killin & returned by 5.55 bus to Lawers. Collected in 5 areas during day as follows: —

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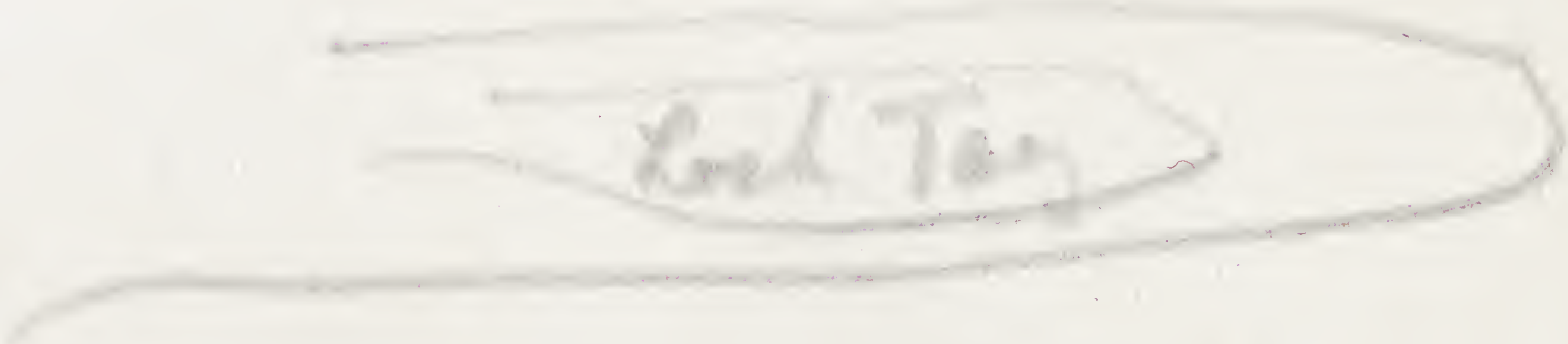
AWS. after lunch - head

W S. Corrie 1/7/52

2 958



Mr Stelfox, Bessie &
Len Williams
at Lawers

(A.W.S. Miss Knettler & Len Williams)

photo Mr G. W. Hart.
12.7.1952.

ILFORD ILFORD ORD ORD ORD

1st July 1952. A very warm, sticky day, with much hot sun, after a fine night. Rain in morning ceasing at 1.20 P.M.

[illegible] & [illegible] from Hotel at about 9.45 & made for the S.W. corrie on Ben Lawers. Just [illegible] the burn leaving the corrie there was much bushes of Salix lapponum growing on the right bank & I worked up it for [illegible] to the cliffs on Ben Glas side of the corrie. Rain had ceased. Later worked to cliffs facing north on Ben Glas where the big snow patches lay in 1947 & 1951 & found a surprisingly big flora including very much Saxifraga nivalis & Myosotis alpestris, as well as most of the ordinary Ben Lawers plants such as Sibbaldia, Salix reticulata, [illegible] Juncus triglumis, & Poa alpina, while the grassy slopes below the cliffs where the snow had lain longest were covered with tiny plants (in flower) of both Viola riviniana & V. ~~[illegible]~~ palustris. After traversing cliff came to the ridge & followed edge of cliff to summit of ridge & dropped down to the col where there is a small loch (about 3,200 ft. contour) in which I found [illegible] some roots, one of which had fruit on it although now under several inches of water — but probably not so during dry spell last month.

1.7.52, cont. Next visited a [illegible] on ridge S. of col & collected some water beetles & [illegible] of [illegible] & went to the edge of cliff nearly below summit of Ben Lawers & N. of [illegible]. Here saw lots of [illegible] & the usual Euphrasia [illegible] but [illegible] on [illegible] under a slope below cliff. [illegible] at 5.50 & subsequently [illegible] to [illegible] & climbed [illegible] the northern ridge, passing [illegible] near the S. [illegible] & so home via the N. side of Meall Odhar to Hotel at 6.40, spending nearly half an hour on way looking for the [illegible] found in 1947, [illegible] Juncus trifidus grows.

Also saw Juncus trifidus on ridge on Ben Glas side of the col between it & Ben Lawers.

Bombus lapponicus (♀♂) seen at ca. 3,000 ft.

2nd July 1952. A fine windy day with many glimpses [illegible] after some heavy rain at night, cooler.

Everything very wet in morning, until wind shifted from W. to N. about 11 A.M. In afternoon went by 2.35 bus to Killin & returned by 5.35 bus to Lawers. Collected in 5 [illegible] during day as follows: —

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2.7.52, cont. Lawers & Killin, M.P.

1. = Lane from hotel to pier at Lawers. 10·30–11·30 A.M.

2. = Scrub on Loch Tay shore from pier to Lawers Burn. 11·30–12·30 A.M.

3. = Under or off birch, growth at base of lime just E. of wooden bridge on road from Killin to K. [illegible] at Finlarig. 2·0–3·40 P.M. See photo.

4. Between road to pier & railway, just E. of the lime trees. Killin.

5. Roadside from pier back to wooden bridge & including lime on N. side of road [illegible] 3. 4·20–[illegible] P.M.

Lawers, M.P.

Taken at 1 (lane to pier as far as ruined house) 10·30–11·30 A.M.

Sciophila:– [illegible] cordata ♀, [illegible] ♂

[illegible] ♀, swept off [illegible] of post of lane

[illegible] [illegible]

[illegible] 8

[illegible] ♀ ♂

[illegible] ♂ [illegible] ♀

[illegible] 2 ♀♀ [illegible] ♂

[illegible] ♂

104

Taken at 1, cont.

Orthocladius [illegible] ♂ + [illegible]

Simuliidae ♂

Mesocloeon [illegible] ♀

[illegible] ♀

[illegible] ♀

Bloomia tuberculata [illegible] ♀

Ephydrinae [illegible] ♀♀ [illegible] ♂

[illegible] dark ♀ [illegible] ♂

[illegible] 3. [illegible] 3

Diptera 3, including a large [illegible]

Taken at 2 (Scrub on shore of L. Tay) 11·30–12·30 A.M.

[illegible] sp.

[illegible] ♀, [illegible]

[illegible]

Mesocloeon 3

Porizonid ♀

[illegible] 2

[illegible] 1

105

2.7.52, cont.   Lime, MP, cont.

Taken at 2, cont.

Aphaereta [illegible] ♂

Meteorus [illegible] 2♀♀

Blacus [illegible] 2♀♀ 13 [illegible] 2♂♂

B. [illegible] 1 ♂

[illegible] [illegible] ♂

Pentapleura pumilio ♀, [illegible]

Dacnusa [illegible] ♂ 2

D.

D.

Ephedrus plagiator 2♂♂, 1♀ : [illegible]

[illegible] 1 2

[illegible] 1   [illegible] 1   [illegible] 1

[illegible]   Diplazon

Taken at 3   Lime, Killin, 2.0 – 2.30 pm.

Cryptinids 9

Stenomacrus [illegible] ♀.

Mesochorus 4

[illegible] 1

Plectiscus 4

106

2.7.52, cont.   Killin MP cont.

Taken at 3, cont.

Exothecus ♀

Meteorus ♀

Blacus [illegible] ♀

Eurytenes abnormis ♂ (1st taken by M.G.) : [illegible]

Opius [illegible] [illegible]

O.

O.

O.

O.

O. ([illegible]) [illegible] ♀

Orthostigma ♂

Aspilota 12

Dacnusa [illegible], [illegible], [illegible], elegantula

D.

D.

D.

107

2.7.52, cont.

Taken at 3, cont.

Tmesa. ♀

Braco. 3

Procto. 12

Chalcids 15.

Smith

Bethylus fuscicornis

~~Hypogaeum~~ fusca

H. [illegible]

Cynipids 2.

Supplementary list: noted the following evening, a lot to give up as 2nd because of darkness: Taken at 3

Vespa vulgaris ♀

Cryptinae 10

Stenomacrus (new state) sp. — 2 ♂ x with also 1 179.

Exochus 1

Mesoleius 1 small ♂

Campoplegid 1.

Aspilota bilineata ♂. Coelinius [illegible]

Opius pericolatus 3 ○ ♀ 2

Tanycarpa mandibularis : ♂, ♀

Aspilota sp. 13

108

2.7.52, cont.

Taken at 3: supplementary list.

Dasineura juniperina 5, adults 1, [illegible] 1

& Ethers =

Braco. ♀ 2 Chalcis. ♂ 2.

Procto. 7.

Chalcid 2

Cynipid 1.

Taken at 4. Kill (before sunset & darkening)

[illegible]

Dryinid ♂

Pteromalid ♀

Cryptus ? sp. ♂

Perilissus 1

Mesoleius 1

Stenomacrus ♂

Meteorus sp. 5

Blacus 3 ♂♂

2.7.52, cont. Killin, MP., cont.

Taken at [illegible] cont.

Rogas pallidipennis ! ♂ [illegible] Recorded in E.M.M. [illegible]

[illegible] [illegible] [illegible]

Blacus ruficornis 2 ♂♂

Opius [illegible] [illegible]

Alysia [illegible] ♂

Aspilota ?

[illegible] [illegible] [illegible] [illegible] ♂♂

R. [illegible] ♂♀.

R. [illegible]

R. [illegible]

R. [illegible] [illegible] [illegible] [illegible] [illegible]

Praon ♀

Ephedrus [illegible] [illegible] [illegible]

[illegible] ♀

[illegible]

[illegible]

2.7.52, cont. Killin, MP., cont.

Taken at S. (Under [illegible] [illegible] [illegible] [illegible]).

Cryptinae [illegible]

Chelostoma [illegible] ♀

[illegible] [illegible] [illegible] ♂

[illegible] [illegible]

[illegible] [illegible] [illegible]

[illegible] ♂ [illegible] ♂

[illegible]

[illegible] ♀

Blacus ♂

Chelonus

Apanteles

Agathis ♂

Perilitus 2 ♂♂

Blacus [illegible] ♂, ♀

Opius [illegible] [illegible]

111

2.7.52 cont. Killin

Taken at 5 in t.

[illegible] [illegible] [illegible] [illegible] on

[illegible] [illegible]

[illegible] 1

Capitata 12

Gyrinus [illegible] 5

& [illegible], [illegible], [illegible], [illegible]

& [illegible]

[illegible], Trichop. [illegible] & Aphididae of 1

Rostr. 11

[illegible] 2 [illegible] 1

Diptera 2

[illegible] 2 = Longitarsis [illegible] & Mecinocera castanea L.

fide H.W. Dalby

Scorpion fly

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3rd July 1952. A very fine day, as the 2nd but very hot one in afternoon especially.

Left Killin alone about 10 a.m. & walked via the [illegible] Burn to Lochan nan Cat & An Stuic. Spent a couple of hours on the face of the latter & the corrie & round steep N slope - at west end of which the last remains of a snow patch remained. Collected many beetles & flies around the snow patch & then went round NW face of An Stuic to the col between it & Ben Lawers, where there is a swamp full of Carex rostrata, with C. saxatilis, etc., & just S.W. & a few feet higher is a nice clear pool which was full of large tadpoles & the bottom covered with Batrachium sp. & in this I saw several water beetles, but did not take any. Then came down to foot of E cliffs of An Stuic, along same, & down to middle of the Lochan & so home. On E face of An Stuic saw the usual plants & high up in a gully two clumps of a Pyrola — not in flower but possibly P. minor. On S face saw seven plants of Woodsia alpina in one place, two of which were right at base in turf with grass, etc.

Incl. 2 nest on path by Lochan Burn at ca 1500 ft.
on return journey.

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4th July 52. Very hot, gentle W breeze, & blazing sun all day long. Took 9.75 bus to Killin & then bus round S side of Loch Tay to Kenmore. Here collected by sweeping (with Mervyn Graham) in two areas & had lunch on shore. After lunch walked through Kenmore & then NE towards for 2 miles to Comrie Castle (ruins) & so back to Kenmore. Collected along road & in marshy field S of road & in wood along left bank of River Tay under beech avenue.

Kenmore, MP.

1 = Marshy field ½ mile S.W. of Kenmore & S. of ~~Killin~~ Acharn road & under trees between road & L Tay nearer village.
2 = roadside just E of Kenmore Bridge over Tay & field S of road, where damp meadow & shade.
3 = roadside between 2 & Comrie Bridge over R Lyon & under trees along beech avenue on left bank of R. Tay.

Taken at 1 (S of Kenmore) 11.30 – 12.30 noon

Dryinid – 1 ♂
Epilampsis pygmaea ♂
Cryptinids : 20

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4.7.52 cont. Kenmore

Taken at 1 cont.

Promethes sulcator 1♂ 1♀
Ctenocarid 1♂ — Mitroboris migrator ♀
Mesoleius ♀
Campoplegid 2
Phaeogenine 4
Bracon 1♂ — Hormius ♀
Rogas ♂
Coelinius ♀
Apanteles spp 2
Blacus tuberculatus 7 — B. ruficornis ♀
Opius spp. 8

Alysia ♂ — Trachyusa aurora small ♂ & ♀
Adelura 2
Aspilota 13

4.7.52, cont.

Taken at 1.   Kenmore, NF, cont.

Dacnusa areolaris (3♂), pubescens (5), macrocera,
ephedra, cyclops, [illegible], [illegible] & others

Ephedrus plagiator 1   Praon volucre? ♀

Aphidius sp. 1♂ ♀

[illegible] ca 20

Chalcids 9

Cynipids 2

Small black weevil = Liosoma deflexum Pz. fide H.W. Daltry.

Taken at 2.

Braconid 1♂

Ephedrus [illegible] ♂.

[illegible] ca 20.

Chalcid 1   Stenomalus 1♂

Gen. et sp. ? 1

[illegible] 4 (2 spp.)

4.7.52, cont.   Kenmore, NF, cont.

Taken at 2.   Praon [illegible] ♀

Hormius moniliatus 6♂♂   [illegible] ♀

Blacus humilis 8♂♂   [illegible] ♀♀

Opius sp. [illegible] ♀

Alysia ♂

Phaenocarpa picinervis ♂

Aspilota ♀

Dacnusa pubescens, longiradialis, [illegible], ephedra, macrocera & about 30 others

[illegible] 3 ♀

Chalcids 5

Coelinius sp. [illegible] (= [illegible] NE) 3♂♂ 2♀♀

Ephedrus plagiator 2♂♂.

Ephedrus sp. 2

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4.7.52, cont   Kenmare, MP.

Taken at 3.

Tenthredo perkinsi ♀

Crabro dimidiatus ♀

Pamphilius [illegible] [illegible], [illegible], common sweeping on Rhododendron leaves (under [illegible]) in some patches.

Cryptinae ♂

Picrostigeus [illegible] ♀   Bassus [illegible] ♂

Homocidus [illegible] ♀

Bassid ♀

[illegible] ♂

Ascogaster [illegible] [illegible] [illegible]; [illegible] at flower-head of Cow Parsnip on roadside

Euphorus cf pallipes ♂

[illegible] [illegible] ♀   Dinocampus capito ♀

Opius ♂

Orthostigma ♂

Aspilota ♂

Dacnusa [illegible] 10 (9 ♂♂, 1 ♀) on Cow Parsnip.

D. [illegible]!   D. [illegible]!

[illegible] [illegible] ♂   [illegible]!

Proctos 11

[illegible] 2, {Systematic of [illegible]   [illegible] 2   [illegible] 11

[illegible] [illegible] det. H. W. Daltry!

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5th July 1952. Entirely sunny, [illegible] [illegible] by a fresh [illegible] wind, while at all times wind was [illegible]. [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] & walked to N end of [illegible] on [illegible] – [illegible] – I went up to the highest cliff at N end of Carrig-an-[illegible] & then worked back along the cliffs to outlet of lake & walked to bus at 5.45 & home at 6 p.m. [illegible] [illegible].

The northern cliffs [illegible] [illegible] [illegible] & [illegible] dripping in places with Saxifraga umbellata, but some of the plants which grow at southern end of the range absent from the northern end or at least not seen by me. The only new plant seen was on one of the highest cliffs – [illegible] [illegible] & possibly [illegible] [illegible] [illegible], [illegible] [illegible] NW of head of the lake. The [illegible] [illegible] [illegible] [illegible] [illegible] & [illegible] [illegible] on cliffs at about 200 ft.

5.7.52 PM. Graham & I went out about 9.45 & swept the Cow Parsnip & [illegible], especially under [illegible] & ash trees in grass plot at foot of [illegible] of the ruined [illegible] on the old village of [illegible] which reminds me of the [illegible] in Kipling's [illegible] of Mowgli in The Jungle Book. Here took many [illegible]

5.7.52 P.M., cont. Lawers, M.P., cont.

Taken in Car, etc., between 9.45 & 10.22 P.M.

Sawflies 2; Tenthredo [illegible] sp. 1♀. [illegible] [illegible]

♂ [illegible] ♂

[illegible] ([illegible]) ♀

[illegible] [illegible] 2

[illegible] 1

[illegible] 2♂

[illegible] 6♀

[illegible] ♂

[illegible] [illegible] ♀ [illegible] [illegible] ♂

[illegible] 2♂♂

[illegible] [illegible] ♂

[illegible] ♀

[illegible] [illegible] 1

[illegible] [illegible] ♀

[illegible] [illegible] ♀

[illegible] [illegible] ♂♀ & 20 other

5.7.52 P.M. cont. Lawers, M.P., cont.

9.45 – 10.22 P.M. cont.

[illegible] 2

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] ♀ [illegible] 3

[[illegible] nil]

Elaterid 2

Black Beetle 1

Hemerobiid 1

6th July 1952. Another lovely day, very hot, cloudy but strong cool E. wind. (Sunday)

(=1) Spent an hour in forenoon in the glen below road by tributary of Lawers Burn, [illegible] [illegible]. Insects very numerous in shade & shelter.

Leptothorax acervorum 1 winged ♀

[illegible] [illegible] ♂

120.

6.7.52, cont. Glen, Lanns, MP, cont.
Taken in forenoon, cont. (=1)
Barichneumon albicinctus ♂
Cryptinae 12.

Mesoleius 2

Polyblastus (Black)

Perilissus
Phrudus [illegible] x 1.
Homocidus pulcher ♂
Promethes [illegible] cognatus ♀
Bassus tricinctus ♂♀

Mesochorus 1
Campoplegidae 2.
Helictes ♂
Proclitus ♂
Acroricnus rufipes ♀
Aperileptus lateralis ? ♂   a sp. ♂
· Porizon [illegible] ? ♀

121.

6.7.52, cont. Glen, Lanns, MP, cont.
Taken in forenoon, cont.; (=1)
Meteorus sp. ♂
Blacus infirmus & B. [illegible] ♂♀
B. hospes ? ♂
Leiophron rufipes 5 ♀♀:
Opius cingulatus 3. & 2 others

Bracon [illegible] 2
Adelura dictyna ♂   Pentapleura pumilio 2 ♀♀
Aspilota sp. 6.

Dacnusa petiolata ♀
D. pubescens, [illegible], [illegible], [illegible] & [illegible]

Ephedrus plagiator   [illegible]
Proctos c. 15
Chalcids 10.
Cynipids 2.
Sawflies. Tenthredo viridis ? & [illegible] 3 ♂♂ 2 ♀♀
Selandria serva. Pteronidea sp. nr. [illegible] ♀

6.7.52, cont. Lamma, N.R., cont.

In late evening, [illegible] (10 [illegible]) went out at about 9 [illegible] a swift [illegible] too dark to see, just about 10.30 P.M. [illegible] swift in the [illegible] [illegible]

2. ± Same area + in glen of tributary to the [illegible] same as swift at noon

3. ± Grass plot at ruined house at foot of road to pier — same as swift in evening of 5th but [illegible] too dark to see. [27 [illegible] from 2 & 3 [illegible] labelled Oct. 1952]

Lamma (taken in glen late in evening = 2)

Stenorrhynchus ([illegible]) [illegible] ♀, ent. 12, very fine specimen!

Hemipoda [illegible] ♀ a very small ex. (dead?) ent. only 21.

Prometheus [illegible], ♂, ent. 22 {var. with [illegible] almost smooth & polished, though closely, shallowly punctured.

[illegible] large ♂, ent. 26. [illegible] ♂ not ald., ent. 25

[illegible] small ♂, not [illegible], ent. 21.

Gen. et sp.? like a black [illegible]: ♀, ent. 33: cf. p. 122 →

[illegible] sp. ♀, ent. 22; not ald.

[illegible] [illegible]? ♀, ent. 19.

[illegible] sp. ♀, [illegible] but darker [illegible], ent. 26

Apanteles sp. ♂ not ald. [illegible] ♂ not ald.

Ophion [illegible] ♀ [illegible] = O. cf. [illegible] ♂, ent. 33 dark legs.

+ O. sp. ♀ ent 33 [illegible]

Brachymeria [illegible] ♀ not ald. Later [illegible] 8.11.52 →

Atalus [illegible] ♂ ent 47. A. sylvia ♀, ent 38.

6.7.52, cont. Lamma, N.R., cont.

Taken at 2, cont.

[illegible] [illegible] ♀ not ald.

Carpilota sp. [illegible] ♀, ent. 17. C. sp. near [illegible] ♂, ent. 19, [illegible]

C. sp. above ♀, ent. 18.

[illegible] [illegible] (1), pubescens (3), [illegible] (2), [illegible] 2♂♂ ent. 26

[illegible], 1 large ♂, ent. 27; 2♀♀, ent. all 34. D. [illegible] large ♀ ent 33.

D. sp. [illegible] 2♂♂, ent. 35 & 37.

D. bellina ♀, ent. 26.

D.

[illegible] [illegible] ♀ Prawn [illegible]

[illegible] sp. [illegible]

[illegible]

Taken at 3 ([illegible]) [7 [illegible] from 3 & three labelled Oct. 1952]

[illegible] filiformis 1 small ♂ ent. [illegible]

[illegible] [illegible] 1 very [illegible] ♂ ent 44.

Ophion [illegible] ent. 24(?) & 25(?)

O. [illegible] 1 ♂, ent. 33.

7th July 1952. A [illegible], hot, misty, [illegible] forenoon after [illegible] [illegible] [illegible] in the afternoon with very heavy rain & thunder [illegible] evening & following night.

Took 9.35 bus (alone) to Tarmachan [illegible] (?) & walked up on the [illegible] shelf (1250 ft.) through heavy bracken, rocks & fallen birch — very heavy going indeed! Then crossed heather moor & on to ridge S of Meall-nan-Tarmachan at about 2,200 ft. & where I rest about 12.0 noon.

Continued N along ridge & over bump after bump with steep slopes & cliffs below on the right (E) till about 12.30 had an [illegible] of [illegible] beyond the next corrie, alpine plants of all sizes & [illegible] [illegible] on ground in abundance. Heat (sultry) & flies horrible! Next turned W along an escarpment & [illegible] a gully & flora became more interesting. Mist lowered at about 1 o'clock & mist became thicker & rain came through a slight breeze [illegible] from S-SW. Mist cleared at 1.30 & I proceeded W through a series of knobs, scarped gullies, the flora becoming richer all the way until round a steep bluff at ca 3,000 ft. I came on a narrow pass through the range, running N & S, with swampy hollows at each end & cliffs on W & NW. These cliffs proved very rich in plants with much Salix reticulata & Saxifraga nivalis, Rubus saxatilis & lots of the commoner alpines.

7.7.52, cont. Beinn-nan-Eachan, MP, cont.

Seeing a very nice [illegible] by [illegible] in the N. [illegible] I soon found [illegible] [illegible] [illegible] the flora & then followed [illegible] up the slope to [illegible] of Beinn nan Eachan, making [illegible] [illegible] E & NE. By then it was getting late & turned to S. face of the Beinn & proceeded S.W. through very broken [illegible] moor land [illegible] & found very nice [illegible] & again at [illegible] [illegible] in one place [illegible] [illegible] of [illegible]. [illegible] of afternoon [illegible] about 2.30 [illegible] the S [illegible] but just before the [illegible] steep [illegible] slopes below the [illegible] [illegible] myself [illegible] had never seen before — [illegible] & glaucous than the usual. [illegible] Carex grahami [illegible] the plant is it. After [illegible] the moor below & E of Creag-na-Caillich & [illegible] my way down to the road through the bracken & caught the 5.30 bus from Killin back to Lawers. In the farm I found a Painted Lady Butterfly in possession — this seemed on the [illegible], but it would not settle & I may have been mistaken as to [illegible]. Heavy rain & thunder came on just before the bus picked me up & rain continued most of the night.

8th July, 1952. Still very warm, misty, windless & with [illegible] heavy rain & drizzle. Did little all day but clear up things & talk with Mr [illegible] of Dundee who had arrived on 7th. In afternoon [illegible] went down to [illegible] fields with two ladies from Surrey who are interested in plants. In evening (the retired) Mr Martin (from Devon) showed us his most beautiful drawings of British plants of which he has now drawn in colour some 1,100, on sheets with 15–20 related species on a sheet about quarto size. He hopes to print these soon & have them published, but as he is 75 the day the outlook does not appear bright & he still has a lot of the rarer local plants to draw.

9th July 1952. A poor day: drizzle all day & mist on hills over 2,500 ft. most of the time, but warm & only gentle S.W. wind, clearing up in late evening.
Left hotel about 10.15 & made up the Lawers Burn for Lochan nan Cat, Daisy, I, Marcus Graham & two girls from Surrey — Miss Kreller & Miss Hart.
Had lunch on rocks between the lochan & SE angle of An Stuc & then went along screes below main cliffs where saw the usual plants & also one Juniper bush which I must have failed to note in doing last year.

9.7.52, cont. N. Corrie, Ben Lawers, 4th, cont.
Daisy, Marcus & Miss Kreller went up to foot of main cliffs of An Stuc & there saw a Juniper [illegible] which appeared to have fallen off the cliffs.
Erigeron alpinus, Veronica saxatilis, Myosotis alpestris & most of the common species seen on the cliffs from E above the head of the Corrie, also Sagina saxatilis, the small flowered form of [illegible], fide Mr Martin — [illegible] & [illegible] a sprig of Salix reticulata.

10th July 1952. Mr & Mrs H.W. Dalby (Rugby) & Dr Williams (Tilehurst, Berks) arrived for breakfast. Rain off & on all day, so only short walks & no collecting.

11th July, 1952. A showery day with misty glens, strong cold N.W. wind & some rain many intervals.
The whole party, except Marcus Graham, went by 9.35 bus to [illegible] & up the burn into the N. Corrie of Ben Lawers. Had lunch at 12.45 in middle of E side of corrie & then went on to look for Gentiana nivalis (reported by [illegible] Murray on 4th July) & went in one of the gullies S of head of corrie,

11.7.52, cont. W. corrie, Ben Lawers, M.P.

& failing to find any way up the most northern gully (to right of main cliff) a Mr Dalton thought he had seen the plant there in 1909, but obviously a mistake. Wind on Summit too fierce to stand up in for most of the ladies! Next went round by the "crater" to see Sax. cernua & over ridge & down past where the Ptarmigan seen on 1st July, down to the Juncus trifidus slope, where all once more failed to find the [illegible] [illegible], though William thought he could do so – he having been shown it last year by H E Green. And so back to hotel at 6.30.

Saw several plants of Salix lapponum by the burn in lower part of corrie, but no trace of the hybrid of S. repens reported on 14th July 1951 (p 27) & I don't see how I could have missed it if there.

At about 1500 ft on left bank of burn saw (& noted –) the rest Epilobium anagallidifolium (not in flower) & at ca 2500 ft patch of Saussurea alpina which had some flower spikes in bud, but none in flower. On way up [illegible] place saw quite a lot of small bits of Sedum villosum in flower & William took for me Lycopodium (as he did last year).

11.7.52, cont. W. corrie, Ben Lawers, cont.

After lunch crossed upper corrie by a burn with the usual & saw many rare plants including a [illegible] with rather straggling growth, [illegible] & [illegible] [illegible] to alpina, but the same large flowers. [illegible] the Mont. Mr [illegible] showed me a few [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] & [illegible] alpina.

A Myosotis (cf versicolor?) at 1200 ft; a stray rock turf at ca 1500 ft, & a grass (Poa nemoralis?) above the Kitchen on way up the Lawers Burn (= Allt an Tom Bhrie of 1" Ord. Map) in forenoon.

12th July 1952. Not a bad day but not good. Cold NW wind, after a rather [illegible] night, [illegible] drizzle at times in forenoon [illegible] [illegible] afternoon. Very little sun. Tom William & I (& a Mr [illegible] from Bristol, who attached himself to us & [illegible] be [illegible] by [illegible] from chiefly) walked up the Lawers Burn & tributary to the col & spent afternoon in the yellow burn, [illegible] [illegible] & vegetation much more advanced than in 1950 & 1951. Salix lapponum & [illegible] [illegible] seen by the tributary [illegible] in 1951), Kobresia, Carex atrofusca & [illegible] in the yellow [illegible] [illegible] on a shelf of one of the [illegible] [illegible]. The [illegible] corrie / off the NE cliff of [illegible] [illegible] & [illegible] [illegible] [illegible] William.

12.7.52, cont. Yellow Corrie, &c, M.P. cont.

Carex atrofusca seen in several places on the lower as well as the Lyon side of the Watershed on the ridge W. of the col (sloping up to Meall Garbh). Carex microglochin was for the first time spotted out in [illegible] [illegible] just N. & a little E. of the col & looking like very small C. pauciflora (i.e. yellower than C. pulicaris) except that the fruit are now bunched at top of spike than in pauciflora. In afternoon (3 to 5.30 P.M.) [illegible] up [illegible] NE of Meall Garbh & round top of [illegible], [illegible] cliff & down to shooting road SE, of there, around E. end of [illegible] in a deep & steep track. About 100 - 200 yds. [illegible] above this track at base of cliff in a very swampy [illegible] — [illegible] by [illegible] & me & [illegible] — 1950 (p. 41-42) & in this swamp, at last, found Juncus castaneus, but could not bring home much of it this was as we had discovered Mr. Evans was a keen collector & feared he might wipe out the colony if he saw it which he did not — evidently being a very poor eye.

Collected more of the Carex on the col, which this time was covered with fruit, Juncus [illegible] for Prof. Waddington of the "Animal Breeding & Genetics Research Organisation" Edinburgh & also succeeded in finding some [illegible] with the Carex. This plant

12.7.52, cont. Yellow Corrie, &c, M.P. cont.

on the col [illegible] above the 2,700 ft. contour & just below 2,800 ft. contour. The [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] with the [illegible] [illegible].

13th July 1952. [illegible]. After rain at night & showers in morning, wind went from NW to E. & [illegible] the day cleared, so that collecting was possible after 2 P.M. H.W. [illegible], [illegible] [illegible] & I swept in three areas at Lawers, as follows: —

1. In glen, under trees, below road, along tributary to Lawers Burn 2.30 – 3.30 P.M.
2. In [illegible] & along shore of L. Tay for 300 yards W. of pier. 4.30 – 5.30 P.M.
3. Under trees on right bank of Lawers Burn between ruined houses & Loch Tay. 5.30 till 6.20 P.M.

Lawers, M.P.

Taken at 1. (Glen, 2.30 – 3.30 P.M.) [39 mounted from 1 & then labelled 9th 1952]

[illegible] [illegible] — not all.

[illegible] 13 [illegible] [illegible] [illegible] [illegible]

13.7.52, cont. Lamon, M.P., cont.

Taken at 1, cont.:

[illegible] [illegible] 4 ♂♂ not mtd. H. signata? 1 not mtd.

Gen. et sp.? like a black Morellia. {2 ♂♂ (yellow face & scutellum), ent 32, 1 ♀ (black face), ent. 33.

Polypedilum? sp. ♀, not std, black femora, ?; ent 30.

Perilissus sp. ♀, ent. 33.

Meoneura sp. ♂ ent. 33 {pale scutellum, black face}. M. sp. ♀ pale face, black scutellum 2 ♂♂ ent. 36]

[illegible] ([illegible]) [illegible] with ♀, ent. 20, see p. 151.

St. minutus ♀, ent 18 very dark specimen.

[illegible] sp. ♂ reddish thorax, dark abdomen, ent. 39.

[illegible] ?; none mtd.

[illegible] [illegible] ♂♀ mtd, [illegible], ent 26.

[illegible] = C. [illegible] ♂ ent. 32. var tergite 2 [illegible] at base?

Rhyssella clavator ♂, ent. 30.

[illegible] [illegible] ♀ [illegible]. A. [illegible] 1 & 2 others, none mtd.

Sigalphus sp. ♀ terebra not as long as body, tergite 1 striated & smooth at base, tergite 2 not [illegible], tergite 3 smooth,

Meteorus of vector ♂, ent. 26. ent. 24, length 1.7 mm. only.

Bracon discoideus ♀, ent. 20. B. pygmaeus ♂ ent. 20.

B. [illegible] group ♀, ent. 17.

[illegible] [illegible] 3 ♀♀, not mtd. see ♀ from [illegible] on [illegible] [illegible]

C. [illegible] of violae 1 ♂, var with dark [illegible], 35-seg., large specimen?

O. ([illegible]) [illegible] ?, not mtd.

13.7.52, cont. Lamon, M.P., cont.

Taken at 1, cont.: [illegible] [illegible] ♂ ent. 20.

Andrena sylvea ♀, [illegible]. [illegible] taken by H.K.D. on [illegible] of [illegible]

Aspilota minutissima 2 ♀♀, ent [illegible] & A. [illegible] 2 ♀♀, ent. [illegible]
[illegible] point of [illegible], [illegible] & not [illegible] in [illegible]!

A. sp. with simple [illegible], ent. 28, [illegible]. A. sp. with simple [illegible], ent. 21, pale legs.

A. sp. with simple ♂ ent. 22 [illegible]

A. (Synaldis) sp. ♀, ent. 20.

[illegible] sp. ♀, ent. 21

[illegible] [illegible] [illegible] none mtd.

D. melanocera, a small ♂, ent 26, [illegible] ♂ with [illegible] ([illegible], ent 34)

D. lateralis, small ♀, ent. 30. D. [illegible] ♂, ent. 34.

D. [illegible], a very large & robust ♂, ent 35; [illegible] a [illegible] ♂ ent. 2[illegible]

Ephedrus [illegible] ♂ & Praon sp. 1, neither mtd.

Trioxys of brevicornis Hal ♀, ent. 10. [illegible] tergite & [illegible], [illegible] ([illegible] [illegible] [illegible] [illegible])

Aphidius [illegible] ?; none mtd.

Proctotrupes [illegible] [illegible] ♂ [illegible] [illegible] H.K.D.)

Chalcids ♀

[illegible] 3

Diptera [illegible] 1

Andrena [illegible] ♀ on [illegible] [illegible] [illegible] from [illegible] [illegible]

Sawfly 1

none mtd.

13.7.52, cont. Lawra, NR, cont.

Taken at 2 (Lane, etc. 4.30–5.00 p.m.) [2 mtd. & labelled Oct 52]

[illegible] 2♂♂ = Ph. ovulator [illegible] = [illegible], ant 26/25.

[illegible] 2 ♀: none mtd.

[illegible] 1 sp, ♀, ant. 33; [illegible]!

Phylodicta sp. ♀, ant 30.

Mesoleptus cingulatus ♀, ant 37.

Bassus dolosus ♀, ant 19.

[illegible] ♀ not mtd.

Monoblastus extirpatorius ♀, ant 33

Milnella[illegible] ♀, overlooked & not mtd (AHS Oct 52)

Leptopyga [illegible] ♂ not mtd.

Mesochorus black sp ♀, ant 26. M. [illegible] ♂ & ♀, ant 25 & 27.

[illegible] 3: none mtd.

[illegible] ♀ 2: 1 mtd = M. cf rufiflavus ♂, ant 22.

Rogas cingulatus 1: not mtd.

Agathis ? ♀ = Microdus tumidulus ♀, ant 28.

Atrometus tuberculatus not mtd.

Ophion 3 = O. cingulata ♀ ant 32 & {O. stenops n. small ♂, ant 23. / O. cf. aurantipes n. ♀, ant 39 (Pronotal, as antennae & abdomen! Testaceous!) AHS Oct 52}

Pentapleura pumilio ♂: not mtd.

Adelura sylvia ♀, ant. 33; small.

Orthostigma sp. ♂, ant 20.

13.7.52, cont. Lawra, NR, cont.

Taken at 2, cont.

Coleocentrus [illegible], small ♀, ant 34.

C. (Synaldis) sp ♀, ant 17. Dacnusa [illegible] ♀, ant 27.

Dacnusa [illegible] ♀ & [illegible] group 2, not mtd.

Praon 1: not mtd. Aphidius ♀: none mtd.

Pambolus 6: 1 only mtd =

[illegible] 6: none mtd.

[illegible] 1: not mtd.

Taken at 3. [illegible] Oct 1952]

[illegible] ♂, not mtd. = Cryptognathus cf [illegible] [illegible] ant 34 [illegible]

[illegible] 4 none mtd.

[illegible] cf [illegible] ♀ not mtd. [illegible]

[illegible] [illegible] ♀ [illegible] 1 not mtd.

Syzalpha [illegible] ♀ none mtd.

Ophion 3 = O. stenops n. 1 [illegible]. O. platynotum n. ♀, ant 22.

[illegible] = {C. cf minutissima ♀, ant. 16. C. sp ♂, ant 21, [illegible] of C. [illegible] / C. tumidula n. small ♂, ant. [illegible]. C. cf. [illegible] ♂, ant. 17.}

Dacnusa 6: only 2 mtd = {D. [illegible] n. ♀, ant 24. / D. melanocera n. small ♀, ant 22.}

Ophion [illegible] ♀ [illegible] [illegible] ♀ (none mtd.)

[illegible] 2, only mtd = [illegible] ♀ ♂

[illegible] 1: not mtd.

14th July 1952. A fairly fine day but wind E at Lawers in morning & W. in Glen Lochay from noon onwards. Mist covered tops over Ben Lawers & Lochay [illegible] but we escaped until 5 P.M.

Went by 9.35 bus to Bridge of Lochay where met by car (Mr & Mrs Bolton, Miss Graham, L. Williams, Brian & L.) & drove to the bridge over the Lochay at Innischoarach. Walked SW from bridge to the W end of range of cliffs on N face of Meall nan Samh ("Sands" [illegible] ("ord. map")) over very boggy heather & hummocky ground, passing on way a very deep wooded gorge through which the main burn runs & which seemed very rich in ferns. At perhaps 1900 ft. alt. passed much Carex pauciflora in the wetter places & at ca. 1800 some nice patches of Lycopodium annotinum.

Reached cliffs in [illegible] at about 2,300 feet which very rich flora of the usual type. Afterwards worked eastward & on coming to a high cliff facing N. found plenty of Dryas & Bartsia alpina as well as various other nice alpines & Salices. Then crossed head of a tributary burn to another cliff & found much Salix lanata, S. lapponum

14.7.52 contd. Allt Innischoarach, M.P., contd.

A little east of where the Dryas & Bartsia alpina grew there was a long cliff with very small willows, amongst which Salix arbuscula was common & formed one bush with very green leaves, green above & below — not glaucous beneath — which R.D. Meikle subsequently said was probably S. myrsinites; it bore one ♀ catkin. This cliff would repay further investigation as we had no time & only rushed past it to get on & look for S. lanata. After afternoon tea at the lanata cliff, which is only a scrap really, we made our way straight back to the bridge by the ridge between the Allt Innischoarach basin & that next to the east of the Allt Dhuibh-Lhainn & at about 1500 feet saw quite a lot of Plantago maritima on a wettish slope just S of a bare rocky "roche moutonnée". H.W.S. [illegible]]

15th July 1952. A fine day, with [illegible] at Killin but showers over Ben Lawers & at times a strong cold NW wind. Went by 9.37 bus to Killin (Betty, Mrs Grahame & Daddy) & caught insects in the area as follows, until 2 P.M. then I walked to station to meet Desmond Meikle (he had come from Kew via Belfast & Glasgow) to join the party.

12.15 1 = under trees beside road before [illegible] the Tay.

12–12.45 2 = along the Lochay, left bank, above road bridge.

1.30–2 3 = Marsh & especially around [illegible] pools on flat between road & river, just S of road running to [illegible] from pier.

2.15–4 pm = Under trees on return from 3.

Killin, M.P.

Taken at 1. [49 ntd. & these labelled Sept. 1952]

[illegible] ex ex: only 2 ntd. = Hemiteles [illegible] ♀, ant. 19.

[illegible] 1 [illegible] ♀, [illegible] ant. 17.

Glypta cf. mensurator ♂, ant. 31, but [illegible]

Bassus deletus ♀. not ntd.

Stenomacrus ([illegible]) laricinus [illegible] ♀ [illegible].

St. (?) cf. pusillus ♀, ant. 18. St. cf. [illegible] ♂ [illegible] with no [illegible], ant. 21.

St. sp.? ♀ ant. 24; near to deletus Thoms., but won't fit! [illegible] 5.10.52.

15.7.52, cont. Killin, M.P., cont.

Taken at 1 cont.

[illegible] not ntd.

[illegible] 3 = [illegible] of [illegible] Thom. (? ♂), ant. 19.

Helictes cf. [illegible] ♀, ant. 29.

Proclitus cf. [illegible] ♀, ant. 19.

Campoplegidae ?

Bracon [illegible] (♀ [illegible], ant. 35) [illegible] also a smaller ♀, ant. 32 [illegible]!

Microplitis [illegible] ♀♀.

Aphidius [illegible] (tall ♀) ant. 19. [illegible] ♀. not ntd.

Opius [illegible] ♀, ant. 29. O. lunulatus, 1♂ 1♀, dark ant. both 26. also a small ♂, ant. 26, rather [illegible] ?

O. cf. levis Wesm. 2 ♂♂, probably this species though hind coxae are pale & not [illegible] & one has [illegible], ant. 22, 24 & 24.

[illegible] (♂♂) (impressus ♂, ant. 41 / ? [illegible] in [illegible], not ntd.) Eurytenes abnormis ♀, ant. 34.

Aphaereta sp. 4 ♂♂: 3 only ntd. = {one rather robust ♂, ant. 25 [illegible] typical [illegible] / two minute, fragile, pale, ♂♂, ant. 22 & 23 [illegible] / [illegible]}

Alysia tipulae ♂, ant. 42.

Alysia cf. rosea? Marsh. ♀, small; ant. only 33; 3rd ant. seg. short. Agrees fairly well with M's description!

[illegible] rufiiceps ♂. not ntd.

A. [illegible] ♀, ant. 28. A. cf. laevipes (♂ ant. 25; [illegible])

A. cf. laevipes ? a larger, more robust ♂ than last ?, ant. 26.

A. cf. ? ♀, ant. 20. A. sp.? ♀, ant. also 20, [illegible]

A. cf. laevipes ♂, ant. 25. A. cf. fuscicornis ♀, ant. 18, [illegible] also 2 ♂♂, ant. 23.

A. sp.? ♂ with darker 25-seg. ant. [illegible] A. cf. tumida [illegible] ♂, ant. 31.

A. (Synaldis) cf. concolor, small ♂ ant. 19. A. (S.) sp. ♀, ant. 18.

15. 7. 52, cont. Killie, MP. cont.

Taken at 1 cont

Leucania longiradialis $^{-15\ \text{ntd.}}_{\ \text{ant. 21}}$, [illegible], [illegible],
[illegible] multisenosa, 2 or other =
D. hera minor 1 fine ♀, ant. 20.

[illegible] Sligo ♀, ant. 32.
[illegible] plumiceps ♀, ant. 23.
[illegible] 1 not ntd. [illegible] 2 not ntd.
[illegible] 2 [illegible] not ntd. ♂
[illegible] 15 none ntd.

15. 7. 52, cont Killie, MP, cont.

Taken at 2. [21 mounted from 2 & these labelled Sept 1952.]
[illegible] dimidiata, ♂♂ Leptothorax acervorum ☿
[illegible] [illegible] 1 ♂ [illegible]
[illegible] ♀
[illegible] albiceps (= [illegible]) ♂, yellow [illegible]; ant. 36
[illegible] ♀ ♂ red [illegible], ant. 25
[illegible] 2 none ntd.

[illegible] ♀ ant. 22.
[illegible] ♀ ant. 18
[illegible] ♂ ant. 17

15. 7. 52 cont. Killi, MP., cont.

Taken at 2, cont.
[illegible] cf. minuta ♀, small with dark wings! ant. 18
St[illegible] cf. [illegible] with more ample wings, different venation, longer [illegible] ant. 19.
[illegible] multicolor ♀? ♀, ant. 26.
[illegible] ♀, ant. 32 {[illegible] right [illegible] [illegible] species.
[illegible] cf. [illegible] ♂ 1, 27 [illegible] & [illegible]
[illegible]
[illegible] ant. 20.
[illegible] pallida ♂, with [illegible] at base, ant. 26
Blaesoxipha [illegible] Stelfox (Hel. MS.) ♀, ant. 15 : 3rd [illegible] specimen!
[illegible] capsica [illegible] not ntd. A. cf. near [illegible], ♀, ant. 21 but [illegible] legs, ♂!
[illegible] crassifemur ♀, ant. 36. A. cf. [illegible] ♂♂, ant. 22 & 23.
A. cf. nigrescens ♂, ant. 20. A. cf. [illegible] ♂♂ not [illegible] behind the eye
A. cf. near [illegible] ♂, ant. 20, with very [illegible] head, & normal venation!
[illegible] pulchricornis & [illegible] 3; not ntd.
D. [illegible] ♀, [illegible], ant 21.
[illegible] ♀, ant. 19. [illegible] ♂ not ntd.
[illegible] 10 none ntd.

[illegible] } none ntd.
[illegible] 2

15.7.52, cont. Killin, M.P. cont.

Taken at 3. ([illegible] from 3, then [illegible] Sept 1952)

[illegible]

[illegible]

[illegible] 20. [illegible] ♂, ant. 24.

[illegible]

[illegible] cf. ungula ♀ ??, ant. 24.

[illegible]

[illegible]

Agathis [illegible] 3 ♂♂, 7 ♀♀, ant. 24 (1 ♀ 23, [illegible])

Microgaster globatus? ♂. [illegible]

Apanteles [illegible] Opius [illegible] ♀, ant. [illegible]

[illegible]

[illegible] notabilis ♀ [illegible] 27, one very small with only 32-24 ant. seg., the other typical with 37-39 [illegible]!

[illegible] ♂

[illegible] ♂♀, ant. elongate, 28-29. A. [illegible] 1 ♀ ant. 18] Sep. 1952 →

A. mammilata [illegible] very large ♂, ant. 28 {differs from [illegible] [illegible]}

[illegible]

[illegible] affinis [illegible] ♂ ant. 25.

D. (G.) [illegible] complex. 2 ♂♂, ant. both 26.

15.7.52, cont. Killin, M.P. cont.

Taken at 3, cont.

[illegible] sp.? 2 ♂♂, ant. 45 & 46.

[illegible] ♀, ant. 12; [illegible] [illegible]!

[illegible] ♂, ant. 17; wings very [illegible]!!

[illegible]

[illegible]

Chalc. 2. 6.

Wasp V. vulgaris ♀. Sawfly [illegible] ♀.

Taken at 4. [illegible] Sept 1952].

Dryinid ♂. not [illegible].

[illegible] ([illegible]) ♀, ant. 20, small [illegible]

[illegible] not [illegible]

[illegible]

[illegible] ♂ ant. [illegible]

[illegible]

[illegible] [illegible] 1952

Opius lunulatus, with ♀, ant. 27, [illegible]. O. singularis ♂, ant. 34.

O. cf. [illegible], with small ♂ ant. only 24.

Aspilota [illegible] ♂♂ ♀♀ [illegible], ant. 18. A. cf. vulgaris [illegible]! 2 ♂♂ ant. 23-28.

15.7.52, cont. Killin, M.P., cont.

Taken at [illegible] cont.

[illegible] [illegible] [illegible] =

D. [illegible] [illegible] [illegible], [illegible] 34

D. [illegible] [illegible] [illegible], [illegible] [illegible], 10, 12, [illegible] 3500-2.

[illegible] [illegible] not [illegible].

[illegible] [illegible] [illegible].

[illegible] [illegible] [illegible].

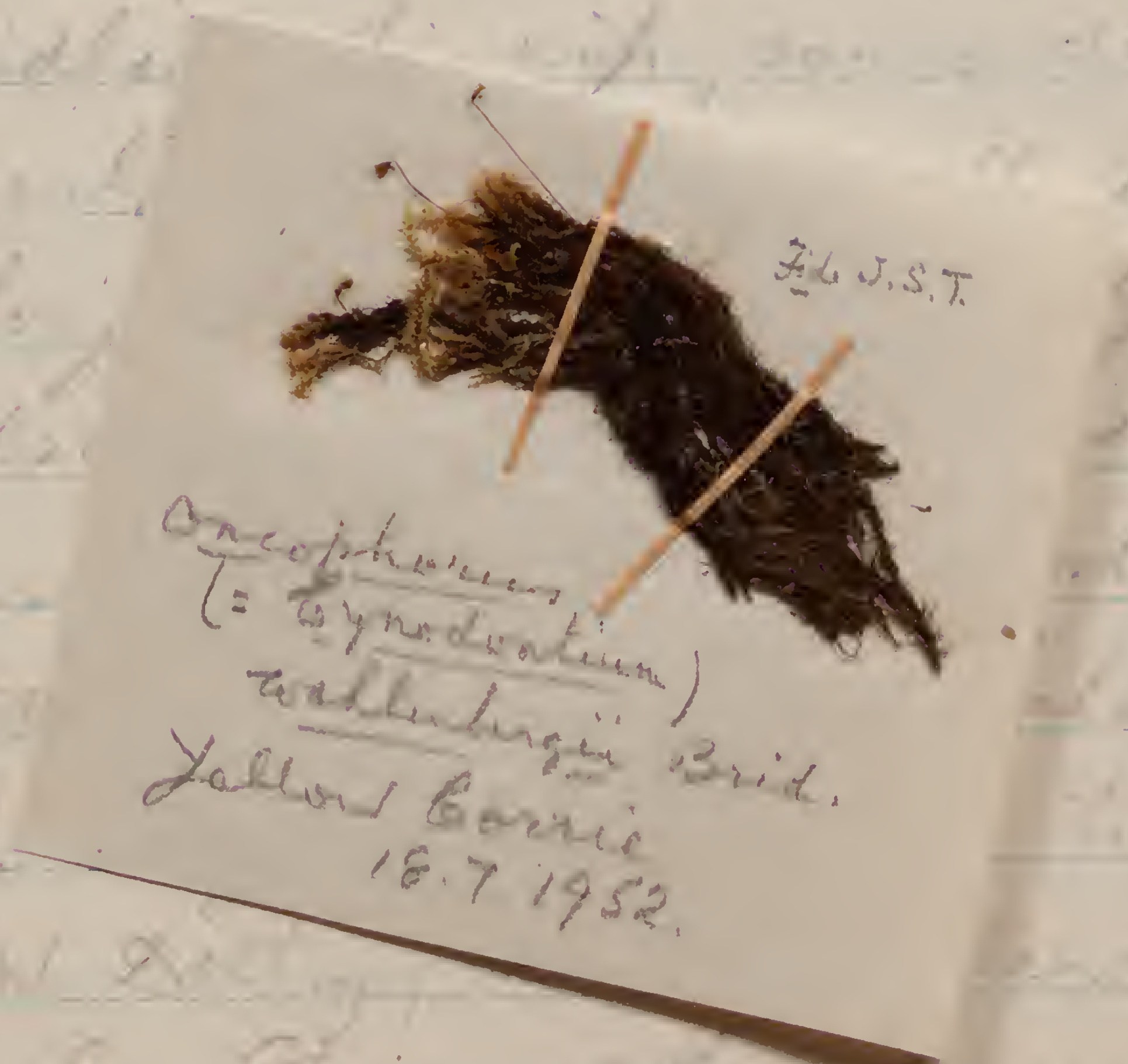
16th July 1952. [illegible] [illegible]. Walked from hotel with R. D. Meikle, Miss [illegible], Dr [illegible], Mr Kelly, [illegible] & a few [illegible] from London University [illegible] [illegible] & making a special study of the Cerastiums, & who wanted to be shown the so-called C. arcticum, which both she & Desmond Meikle found sterile, while C. vulgatum & C. alpinum yielded plenty of ripe capsules, & so they were inclined to agree with me that it was a hybrid & not the true arcticum. (See my remarks on p. 28 under, on 14.7.1951.)

Saw quite a lot of tufts of Arenaria rubella on the sort of moraine below the main cliff where the snow lies at foot of the first gully S.W. of the summit & again [illegible] gully below the Sax. cernua

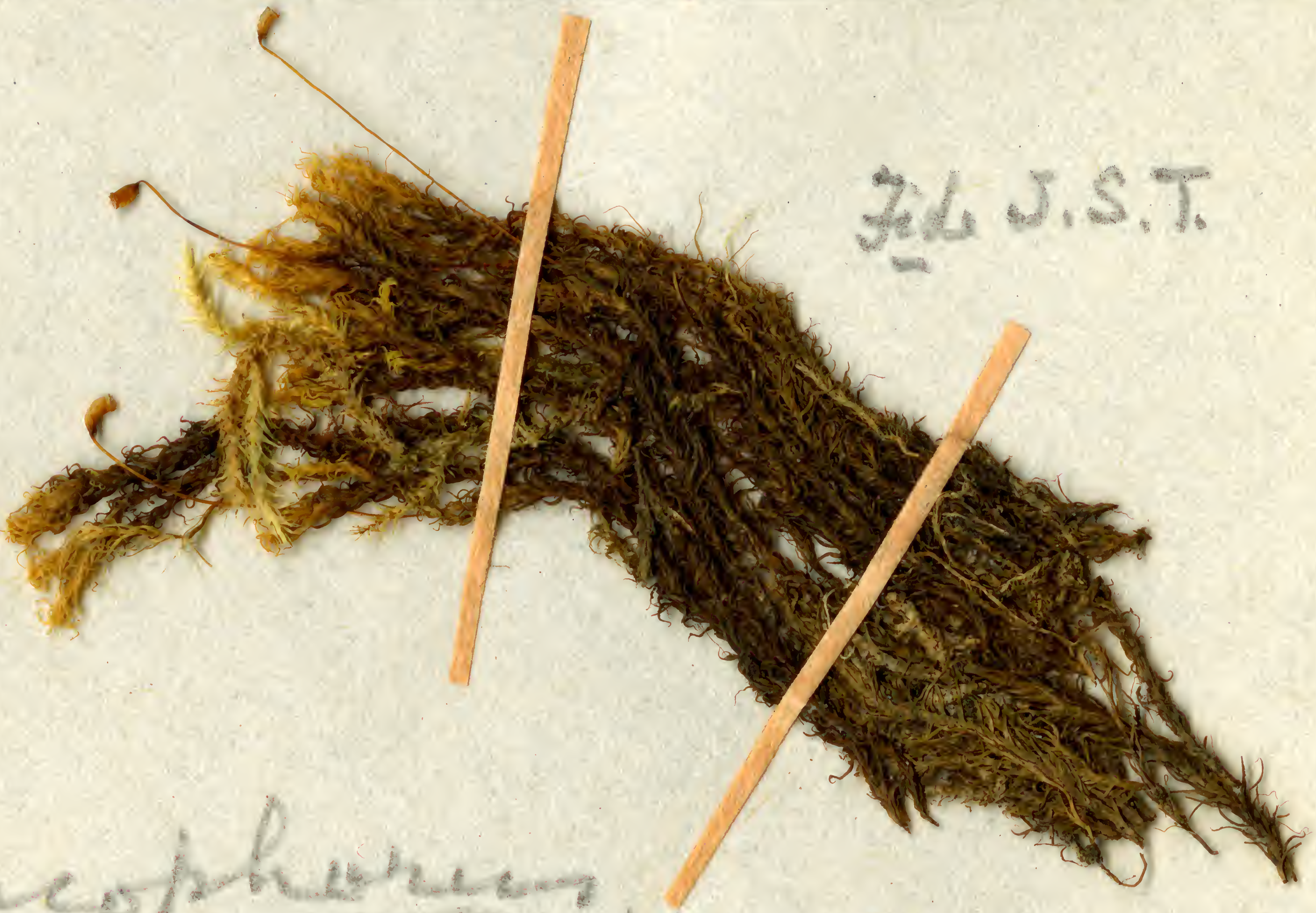
16.7.52, cont. Ben Lawers, [illegible], cont.

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] — [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 1st July. [illegible] [illegible] [illegible] the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], N.W. [illegible] [illegible] a plant of [illegible] [illegible] ([illegible]) [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] ca 3,500 ft.

17th July 1952. [illegible] [illegible] [illegible] visit from R. [illegible] Laidlaw, his wife, son & daughter [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Roger, & [illegible] [illegible] [illegible] Mr Laidlaw did not go [illegible] [illegible]. M.D.S. & [illegible] [illegible] [illegible] [illegible], [illegible] Rogers [illegible] [illegible] [illegible] Meikle, [illegible] [illegible] [illegible] [illegible] [illegible] of the [illegible] [illegible] ascended along the S. face [illegible] [illegible] plants of [illegible] [illegible] [illegible] the other usual plants [illegible] [illegible] & up to where the snow patches were last year


Fd. J.S.T.

Oncophorus (= Cynodontium) wahlenbergii Brid.
Jallow Corrie
18.7.1952.



Fd J.S.T.

Oncophorus
(= Cynodontium)
wahlenbergii Brid.
Yellow Corrie
18.7.1952.

156

15.7.52 cont. — Killin, M.P., cont.

Taken at 4, cont.

[illegible] [illegible] [illegible] D. [illegible] [illegible] =

D. of [illegible] minor ♂, cat. 34

D. [illegible] & slightly coloured, small example, 15, 17. cat. 26 & 32.

Epilobium 3 [illegible].

[illegible] 10 [illegible].

Alchemilla 3 [illegible].

16th July 1952. Fine & wet. Walked from Killin with N.D. [illegible] [illegible], Miss Milton, Mr Kelty, & two girls from Leeds University [illegible] [illegible] [illegible] & making a special [illegible] of the Cerastiums, & also wanted to be shown the so-called C. arcticum, which both she & Desmond Meikle found sterile, while C. vulgatum & C. alpinum yielded plenty of seed capsules, & so they were inclined to agree with me that it was a hybrid & not the true arcticum. (See my remark on p. 28 supra, on 4.7.1951.)

Saw quite a lot of tufts of Arenaria rubella on the [illegible] of [illegible] [illegible]: the main cliff where the snow lies at foot of the first gully S.W. of the summit & again in gully below the Sax. cernua

16.7.52, cont. — Ben Lawers, [illegible], M.P. cont.

[illegible] [illegible] found [illegible] [illegible] of the [illegible] [illegible] — perhaps owing to the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] of [illegible] [illegible] [illegible] 1st July. [illegible] [illegible] on the Sax. [illegible] [illegible] & on way down the slope, [illegible] [illegible], [illegible] [illegible] [illegible] a plant of [illegible] [illegible] ([illegible]) [illegible] [illegible] [illegible]. It belongs to the [illegible] form [illegible] [illegible] [illegible]. [illegible] c. 3,400)

17th July 1952. A cold, windy [illegible] from Dr. F. F. Lindley, his wife, son & daughter, [illegible] [illegible] N.D.S. The old [illegible] [illegible] [illegible] [illegible] Bruce. Grant Roger, a [illegible] also with us today. Dr & Mrs Lindley did not go further than the broken "sheep bridge"; N.D.S. & Mr Dalby only as far as [illegible] [illegible], where Roger (the boy aged 6) also turned back. Miss Milton, Mrs Dalby, the Misses Lindley, & I [illegible] [illegible] of An Stuc & [illegible] [illegible] [illegible] S. face where [illegible] plenty of Saxifraga [illegible] [illegible] & all the other usual plants. [illegible] I [illegible] the [illegible] & up to where the snow patches were last year,

17.7.52, cont. — N. Corrie, Ben Lawers, M.P., cont.
& the burn & rock ledges seen on 16.7.1951.
On our way back to the Lochan via the small burn
which tumbles down the waterfall near Carex atrofusca
in 1951 & Dr. Wilkins discovered Juncus castaneus
beside one of the & reputed Juncus biglumis.
Misty rain nearly all day & Lawrence was in,
we came down the burn & so home for dinner.

18th July 1952. Another misty day but very little
actual rain. Meikle, Kelly, Wilkins, and I left
hotel about 9.30 & walked to col above the Yellow
Corrie. Meikle found Poa nemoralis by the tributary
of Lawers Burn on way up & we saw the usual
plants there — Salix myrsinites & S. lapponum
& lower down Meikle discovered a big bush of Salix
phylicifolia overhanging the bank & just above water
level — only visible from the W (right) bank &
formerly missed by me. Some patches of Cerastium
alpinum near the highest Salix lapponum.
On the col area the Carex microglochin
was nearly over & went up the scarp to
W of col & saw most Carex atrofusca,

& a little Juncus biglumis, but could not find any more
Juncus castaneus or locate the place Carex
vaginata taken on 17th July. [illegible] crossed over
to east side where Veronica grows at spring
head & went up to the craggy hill which juts
out into the Yellow Corrie 1/4 mile NE of the col
& [illegible] Carex rupestris growing in crevices
[illegible] shelter. On S. side of this
[illegible] Sibbaldia procumbens (discovered by
[illegible]) & then dropped into the [illegible]
[illegible] where collected Juncus
(the drier seen here in 1951 (p. 71 infra)).
[illegible] were more including the
(fide Meikle) Thomson of a Rich Cattle one large
at west & highest end of scarp [illegible]
West [illegible] across this
scarp of wet smooth rock against
[illegible] & then on to ridge
[illegible] slopes of Meall Garbh & the
gully & cliff on its SW side in which Salix myrsinites
& S. lapponum were more seen & the station for
Carex vaginata on the lowest scarp visited (see p. 71 infra)
& so back to Lawers Hotel.

Loch Tay from Kenmore
2
601
4.7.52
M.W.R. & Y Graham
photo

HOTEL

Lawers Hotel

2 601

ILFORD

Lime Avenue, Finlarig, Killin

2/7/52

2 958

M. W. R. de V. Graham,
Photo.

ILFORD

Loch Tay from Kenmore

2

601 4/7/'52

M.W. R. de V. Graham
photo.

Ben Lawers in far
distance.

17.7.52, cont. — N. Corrie, Ben Lawers, MP, cont.
& the bird & rock fern, seen on 16.7.1951.
On way back to the Lochan via the small burn which trickles down the cattlefold, saw Carex atrofusca as in 1950 & L. [illegible] discovered Juncus castaneus [illegible] several with & [illegible] Juncus biglumis.
Misty rain nearly all day & heavier rain as we came down the burn & so home before [illegible].

18th July 1952. Another misty day but very little actual rain. Mickey, Betty, [illegible], and left hotel about 10.30 & walked to col above the Fiddler Corrie. Mickle found Poa nemoralis by the tributary of Lawers Burn on way up & we saw the usual plants there — Salix myrsinites & S. lapponum & lower down Mickle discovered a tiny bush of Salix phylicifolia overhanging the bank & just above water level — only visible from the W (right) bank & formerly missed by us. Fine patch of Saussurea alpina near the highest Salix lapponum.
On the col saw the Carex microglochin now nearly over & went up the scarp to W. of col & saw much Carex atrofusca, & a little Juncus biglumis, but could not find any Juncus castaneus or locate the plant Carex vaginata taken on 12th July. Went round across to east side where Kobresia grows at spring-head, & went up to the craggy hill which juts out into the Fiddler Corrie ½ mile NE. of the col & found much Carex rupestris growing in cracks of the dry rock & on ledges. On S. side of this crag found much Azalea procumbens (discovered here in June 1942 by Davey [illegible]) & then dropped into the swampy snow covered [illegible] area where collected Juncus biglumis & the queer sedge like C. dioica seen here in 1951 (p. 21, extra). & some nice mosses including the moss Meesia trichodes ([illegible]) of which collected a large fruiting patch found at west & highest end of swamp near some Azalea plants. Went right across this swampy area to scarp of yet another rock against which the snow lies in winter time & then on the ridge & SE across west slopes of Meall Garbh to the gully & cliff on the SW side in which Salix reticulata & S. lapponum once more seen & the station for Carex vaginata on the lowest scarp visited (see p. 21 early) & so back to Lawers Hotel.

149.

19th July 1952. Quite a fine day. Sun or rain got a constant misty drizzle for most part of it. Went by 9.35 bus to Edramucky & walked up the Allt [illegible] to Lochan na Lairige – the cliffs N.W.

In the gorge below big waterfall at ca. feet saw [illegible] Williams, Melica nutans, & at top of upper gorge the Arctostaphylos Uva-ursi & Salix repens, but not the juniper bush (which I found here on 19.7.51 (Sep. 28 [illegible]).

Had lunch on cliffs W. of outlet of Loch na Lairige & then went N. & [illegible] till 3.30 P.M. when had afternoon tea.

On these cliffs saw the usual pink & also [illegible] alpinum [illegible] (Mikli) [illegible] [illegible] [illegible] [illegible] of [illegible] [illegible] alpina. In the lochan saw Potamogeton praelongus & at outlet Myriophyllum alterniflorum. Got to home by 5.30 bus from Killin.

[illegible] [illegible] [illegible] & [illegible] [illegible] [illegible]

In gorge below large fall [illegible] [illegible] & [illegible] [illegible]

[illegible] 1953

150.

20th July 1952 (Sunday). [illegible] fine day & [illegible] little cloud [illegible], but [illegible] [illegible] [illegible] [illegible] & [illegible] [illegible] took day off. [illegible] [illegible] walked off a [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] & [illegible] [illegible] 7.30 till 9.0 P.M. swept in the glen of the [illegible] & [illegible] below the main road.

Lawers, M.P.

12 noon till 9.0 P.M. = 1.

[Lepidoptera [illegible] [illegible] [illegible] in [illegible] [illegible]]

[illegible] ♂♂ 3 on [illegible] of [illegible] 1 ♂, at. 39.
also a smaller ♂ of same species ([illegible]) [illegible] without white [illegible] [illegible], at. 28.
[illegible] of [illegible] on wild [illegible] [illegible], at. 26.

[illegible] ♂ 1 = [illegible] [illegible]? ♂, at. 35.

[illegible] [illegible] ♂, at. 27.

[illegible] [illegible] of [illegible] [illegible] [illegible], at. [illegible]
[illegible] [illegible] ♀, at. [illegible] [illegible] of [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]? of [illegible] ♀, at. 35.

[[illegible], [illegible] [illegible]]

[illegible] [illegible] ♀, at. [illegible]

[illegible] [illegible] ♂, at. 46.

[illegible] [illegible] ♀ [illegible] [illegible] [illegible]
next [illegible] to [illegible], at. 30; [illegible] [illegible] [illegible].

[illegible] 1 ♂

[illegible] 1 =

20.7.52, cont. Lawson 12th, cont.

Tekoa st 2 ([illegible]) [It only mounted & then labelled Sept. 1952]

Phygadeuon? ♂, ent. 23. See ♀ taken Lawson (2) 27.6.1954! A.H.S.

Stenomacrus [illegible] sp. n. ♀. Type. A.W.S. 7.9.52!
Head & [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] rest of abdomen laterally compressed [illegible] ca 3mm;
[illegible] [illegible] [illegible] [illegible] ent 20-ag.

Promethes sculptellus? ♂, ent 24.

Bassus annulatus ♀, ent 25.

Mesoleius sp. [illegible] yellow [illegible], ♂ & ♂♂ ent. 25, 33, 34 & 38.

M. sp. ♀♀, [illegible] [illegible], ent 32. [illegible]

M. sp. ♂, [illegible] [illegible], ent 31 } same species?

Polyblastus or Erromenus [illegible] ♂♂, ent. 28 & 30 [illegible]

Monoblastus? sp. [illegible] [illegible] (♀ [illegible] with pale [illegible]), ent 29.

"Tryphon" brachyacanthus ♀, ent. 32.

Microchorus? spp. 3♀♀, ent. 41, 42 & 43.

Diceolus? sp. ♂, ent. 29.

Rogas irregularis ♂, ent 30. Apanteles lateralis? [illegible]

[illegible] [illegible] ♀, ent 22. Meteorus scutellator ♀, ent [illegible]

Hypselotus? [illegible] ♀, ent 36. Blacus [illegible] ♀, ent [illegible]

[illegible] [illegible] ♂, ent 24. Opius [illegible] ♀, ent 41

Opius [illegible] [illegible] ent [illegible] [illegible] ent 24.

C. [illegible] ♀, ent 38. [illegible] [illegible] ent [illegible] ♀, ent 33

C. sp. [illegible] ♀, ent 26.

C. sp. [illegible], [illegible] ent. 33 [illegible] ent 28/31 & 32, [illegible]
will [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

20.7.52, cont. Lawson 12th, cont.

Tekoa st 2 ([illegible]) cont. Opius [illegible] [illegible] large ♀, ent. 40.

large ♀, ent. 40.

♀, ent. 27.

[illegible] ant. both 17.

ent. 26 & 27

. 26

♂♂ ent. 28.

32, 33 (♀♀)

D. sp. [illegible] [illegible] [illegible] will
pubescence [illegible]

Coelinius? sp. [illegible] [illegible] [illegible] ♂ ent. 29.

Beetle = Triarthron maerkeli Schm. fide H.W. Daltry.

[The remainder of the catch not logged, but put in paper packet.]

deletus L. 29.6.51. 29.6.52.
17.7. " 13.7.52 + 15.7
pallipes " 17.7.51. " – 29.6.52.
dorsalis " " "
impolitus " " "
annulatus " 5.7.51.
cognatus " " " 15.7.51. 29.6.52.
scutellaris " " " Kenmore 4.7.52.
" 29.7.52
tetragonus " 15.7.51.
pulchellus " " " " 29.6.52.
gracilipes A " " "
monticola A " " "
pictus group. L. 27.6.52
tricinctorius " " " "
" 23.7. "
biguttatus ? " " " "
pectoratorius " 13.7.52
" 23.7 "
flavolineatus ? L. 23.7.52.

Exochus.
? albicinctus ♂ L. 5.7.51.

Stenomacrus &c.
cubiceps ♀ L. 5.7.51
cf pallipes A 15.7.51.
granulosus sp.? A " " "
♀
♂ radialis ? L. 17.7."
crassicornis
" non Th. ♀ " " "
protuberans L. 27.6.52
curvicaudatus L. 29.6.
K. 15.7."
ventralis L. 2.7.52
nemoralis ? K " "
sp. n. L. 6.7.52.
minutus L. 13.7.52.
sp. nr. deletus K. 15.7.52
20.7.52 — nemoralis ♀ " "
cf pusillus " "
[illegible]
n. [illegible] K " " "
laricis L. 23.7."

Street, Dublin, on **Monday**, 26th of January, 1953. at a **Quarter past Four** o'clock p.m., for the transaction of General Business.

E. T. S. Walton,
Secretary.

TEA 4 P.M.

PAPERS TO BE READ

Rev. J. McConnell :—Pure pseudo-scalar theory of meson production.

Rev. J. McConnell :—The applicability of the Weizsäcker-Williams method to meson fields.

DATES OF OTHER GENERAL MEETINGS FOR THE SESSION, 1952-53.

1953.	Monday,	February 9th & 23rd.
,,	,,	March 16th (Stated Meeting).
,,	,,	April 13th & 27th.
,,	,,	May 11th.
,,	,,	June 8th & 22nd.

20.7.52, cont. — Lamu, [illegible] cont.

Taken at 2 (Spin). [71 only mounted & then labelled Sept 1952]

[illegible]? ♂, ant 22. See ♀ taken here on (2) 27.6.1954! AWR

Stenarcoma? carinicorne sp. n. ♀ Type. A.W.S. 7.9.52!
[illegible] propodeum [illegible] ca 3mm; [illegible] ant 20 seg.

[illegible] ♂, ant 26.

[illegible] ♀, ant 30.

Meteorus sp. [illegible] ♂ & 2♂♂ ant. 36 33 28 & 38.

M. sp. ♀(?) [illegible] ant 33 } 2 ♀ & ♂ ?

M. sp. ♂, [illegible] ant 35 } same species!

[illegible]? ♂♂, ant 28 & 30 [illegible]

Macrobracon? sp. erythropygus Holmg. ♂ aff. flavus? (with pale areas); ant. 32.

Tryphon? brachyacanthus ♀, ant. 32.

Mesochorus spp. 2♀♀, ant. 41, 41 & 43.

Gelis sp. ♂, ant. 29.

[illegible] irregularis ♂, ant 52. [illegible]

[illegible] ♀, ant 31 [illegible] ♀, ant [illegible]

[illegible] ♀, ant. 34 [illegible] ♀, ant [illegible]

[illegible] ♂ ant 34 Ophion geniculatus ♀, ant 41

Ophion [illegible] ant [illegible]

[illegible] ♀, ant [illegible]

[illegible] ♀, ant 26.

[illegible] ♂ ant. [illegible] 28, 31 & 33 the ♀♀ [illegible]

20.7.52, cont. — Lamu, [illegible] cont.

Taken at 2 (Spin) cont. — Ophion [illegible] large ♂, ant. 40.

[illegible] 2♀♀ (large & small) ant 28 & 30. [illegible] ♀, ant 40. (large)

Aspilota [illegible] ♀, ant. 22. A. [illegible] ♀, ant. 27.

A. mucacea sp. n. 2♀♀ (Type & paratype A.W.S. 9.7.1952) runs to [illegible] in key but differs in elongate antennal seg. ♀ which is longer & slenderer ♂? See key & ant. 17.

A. sp.? ♂, ant. +22 (broken!), with dimple, propodeum irregular, [illegible]!

A. sp.? ♂, ant 22 & with [illegible] pale at base of [illegible]!

A. sp.? ♂, ant. 19, with dimple, small propodeum, of [illegible].

A. sp.? ♂, ant. 22, " "

A. cf. mucacea [illegible] than the type & paratype [illegible] but probably the same species; ant. 18, [illegible] in type!

A. cf. [illegible] ♀, ant 18, pale at base; [illegible] ant only 17

A. ([illegible]) sp. ♂, ant. 22

Dacnusa petiolata ♂, ant. 42. D. [illegible] ♂ ant [illegible] ([illegible])

D. aphanta 2 small ♂♂, ant 24 & 26. D. [illegible] ♀, ant. 21

D. [illegible] ♀? ant. 39. D. [illegible] ♂, ant. 30

D. [illegible] ♀, ant. 22. [illegible] D. [illegible] ♂, ant. 31.

D. [illegible] large ♀, ant. 30. D. cf. [illegible] ♂, ant 28.

D. cf. [illegible] 6 examples [illegible] the species, though the ♂ (6♂?) seem to have [illegible] propodeum & [illegible] ant. 22, 34 (♂♂), 32, 32 (♀♀) & ♂? ant 32.

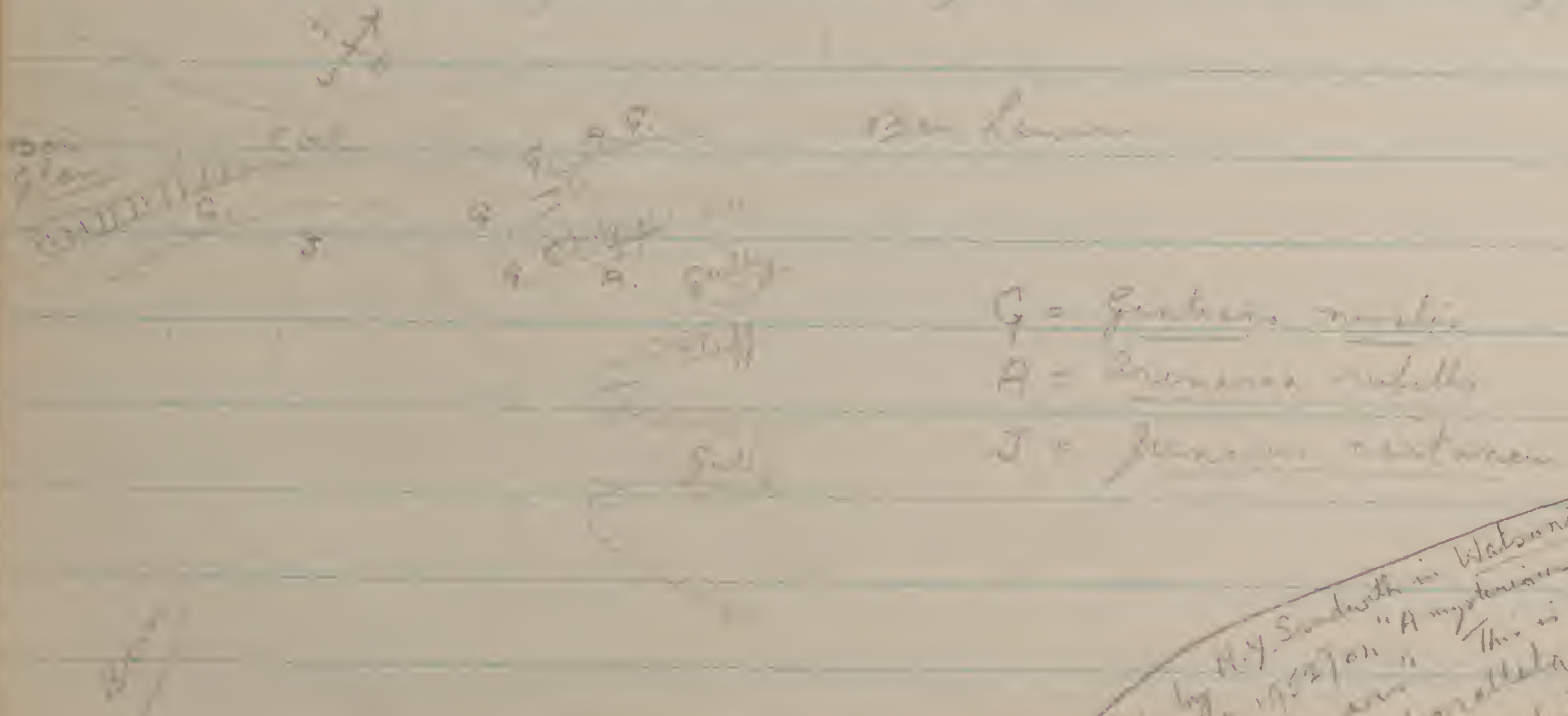
D. cf. aphanta (♂?), ant. 24. [illegible] pale & propodeum with pubescence [illegible]

Coelinius [illegible] ([illegible]) ♂, ant. 29.

Beetle = Triarthron maerkeli Schm. fide H.W. Bailey.

[The remainder of the catch not logged, but put in paper packets.]

21st July 1952. A very warm [illegible] day. [illegible] with [illegible] Dray [illegible] [illegible] [illegible] to S slope of [illegible] Helianthemum [illegible] Erigeron [illegible] [illegible] Rhodiola, Thalictrum [illegible] plant of [illegible] [illegible] SW corner of [illegible] [illegible] SW corner of Ben Lawers [illegible] of the corrie where Gentiana nivalis [illegible] quantity on rather less steep [illegible] (at foot of summit), [illegible] [illegible] on the Ben Glas side [illegible] at head of corrie.



G = Gentiana nivalis
A = Arenaria rubella
J = Juncus castaneus

See article by H.Y. Sandwith in Watsonia 2: 1?? (Oct. 1952) on "A mysterious sedge on Ben Lawers". This is possibly a form of C. parallela (Laest.) Sommerf. (or a hybrid between this & dioica which I don't believe!) AWS Nov. 1952.

21.7.52, contd. Ben Lawers, contd.

Meanwhile, [illegible] followed the [illegible] up to the cliffs S of [illegible] found Juncus castaneus & J. triglumis, the former [illegible] [illegible] 1951. [illegible] [illegible] the NW side of the cliff below the summit as well as a little Arenaria rubella, & much Salix reticulata [illegible] in 1947. At base of these cliffs [illegible] of Erigeron alpinus & a little Veronica saxatilis & many of the common alpines. Went straight up [illegible] cliff to summit where around the cairn saw a few tufts of that little rush [illegible] Sagina [illegible] but could not find it elsewhere. [illegible] ridge [illegible] [illegible] & down to the [illegible] Rock [illegible] [illegible] investigated a long boggy area [illegible] [illegible] at head of the [illegible] [illegible] the basin of Glen Lyon. Very nice ground here — [illegible] [illegible] to the Fellows' Corrie (see p. 148) — & in it [illegible] the very stiff little sedge [illegible] which [illegible] & of which I brought a root to grow, as well as those to press! [illegible] [illegible] to Fellows' Corrie & [illegible] [illegible] N corrie where the [illegible] below the [illegible] Juncus triglumis [illegible] [illegible] Partly found of this long, See specimens! AWS 6.9.1952. the boggy area, but nothing so unpleasant that [illegible]

21.7.52, cont   Ben Lawers, M.P., cont.

would not [illegible] [illegible] & [illegible] the [illegible] to the Lawers Burn from Lawers Burn to [illegible] but I [illegible] by usual track along the [illegible] at 7 P.M. Saw [illegible] [illegible] by the [illegible] at c. 2,400 feet, as on 17th July, & many nice clumps of Lycopodium alpinum among the [illegible] forming the [illegible].

22nd July 1952. An almost perfect day: all sunny & with fresh W.–N.W. wind. Meikle, Botley, Willison & I went by 9.35 bus to Moreneish farm & walked N.W. towards Cam Creag & then W. to the gap of [illegible] where had lunch at 12.45 & then went in search of the Carex grahami which I found on S. side of Meall nan Eachan where I discovered it on 7.7.52, & after some search I refound the spot – a steep marshy slope between a rocky ramp & a stony mound at about 3,000 feet, from the top of which spot the pinnacle on Cam Creag is visible. The sedge here grows with Carex goodenowii & C. curta, but no C. saxatilis, which is the common sedge in such places in the area. C. grahami fill the slope

22.7.52, cont   Ben nan Eachan, M.P., cont

for some 20–30 feet & was flowering profusely. Took some ten spikes & a sod with roots & crowns. On the return journey up the Allt [illegible] [illegible] at about 2,000 feet we saw a nice waterfall of some 40 feet & growing on the [illegible] rock was growing a lovely bunch of Veronica alpina – the only plant of this seen during the day. Further up we saw a lot of Rubus chamaemorus in the bog & at foot of a small tributary flowing from the W ridge we came on some Kobresia caricina of which a small sod taken. After inspecting the C. grahami we went W & then S & back to the Bridge of Lochay. Carex curta abundant in marshy spot just above & W of the C. grahami. Carex atrata, Salix reticulata & S. arbuscula & many other common alpines seen on the crags N of Creag na Caillich, while Willison went up to the cliffs of the Creag na Caillich ridge & reported a rich flora including Arenaria rubella!

The following plants were associated in the small sod round the plant of Carex grahami which I brought home to grow: Veronica serpyllifolia, Chrysosplenium oppositifolium, some grasses (weeded out!), the mosses (identified by Mr. J.S. Thomson) Mnium punctatum, Hylocomium splendens & squarrosum, Hypnum schreberi & Climacium dendroides, also Cerastium vulgatum, Ranunculus acris (replanted 21.8.), Aira caespitosa (thrown out 21.8.), Alchemilla vulgaris (agg.) & Taraxacum (palustre ?) (See also p. 164 →)

23rd July 1952. A windless, very hot, humid day after a hot night & morning. Went out about 10 AM (Perry & J.F.) & spent mid day along shore of Loch Tay, E. of the Lawers Burn; & came back to hotel via the 'wood' or glen along the tributary stream between the road & Lawers Burn. Collecting in three areas as follows: —

1 = Lane, fringed along & oak trees at foot of lane to pier; & a few along shore just E of pier: 10 a.m. till 11.30 AM

2 = Along shore of L. Tay E. of Lawers Burn, before & after lunch. 12 noon – 2 PM,

3 = On way up glen to road 2.30 – 3.30 PM.

Lawers, MP,

Taken at 1 (lane, etc.) – Myrmica ♀, [illegible]

Syrphid ♂. Andrena vitrans ♂ on Comp.

[illegible] 6.

Ichneumonid ♂

Pimpla detrita group ♀, small, ant 21.

23.7.52, cont. Lawers, MP, cont.

Taken at 1, cont.

Homocidus [illegible] ♂, ant 21. H. pectoratorius small ♂, ant. 20

H. cf. flavolineatus ♂, ant 24

Stenomacrus laricis ♀, ant. 17

St. cf. rufipes? 2♂♂, ant 20 & 21.

Tryphon elongator 1 [illegible]

[illegible]

Ctenopelma 2 ♂♂

[illegible] 2.

Plectiscid 1

Bracon fulvipes ♀ B. pictipes aff. ♀ ant. 24 [illegible]

Colastes braconius 2 ♂♂

Spathius cf. pallipes ♀

Microplitis cf. tuberculata Wesm. ([illegible]) ♂

Perilitus cf. brevicollis Hal. ♂, ant 18

Meteorus cf. deltator Hal.? 1♂, 1♀, ant 26 & 24 respectively!

Diospilus capito ♀. [Alysia, ♂ PTO →]

Opius cf. stenopterus ♀, ant. 24

O. victus Hal ♀, ant 32.

Pentapleura pumilio 1♂, 1♀.

Tanycarpa mitis n. ♂, ant. 32: very typical!

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23. 7. 52, cont. [illegible], M.P., cont.

Taken at 1 cont.

Pygostolus falcatus ♂, ant 35

Blacus [illegible] ♀, ant 17

Phaenocarpa [illegible] ♀. ant 24, [illegible] [illegible], ♂

Aspilota [illegible] ♀, ant 17, propodeum [illegible], small & [illegible]!!

A. [illegible] ♂, ant 21 A. (Synaldis) [illegible] ♂, ant. 22.

[no [illegible] [illegible]!]

Ephedrus plagiator ♂

Trioxys [illegible] ♀, ant 11, agrees with type from [illegible] [illegible] 1921.

Aphidius spp. 4.

Proctos 11

Chalcids 7

Cynipid 1,

Serphid 5.

Hemipteron 1.

160

23. 7. 52, cont. [illegible], M.P., cont.

Taken at 2 ([illegible]). [illegible] 31.8.52.

[illegible] ♀ & [illegible] [illegible]

[illegible] 11

Braconid ♀

[illegible] fulvipes ♂, very dark, ant 35.

[illegible] [illegible] ♀

Microgaster of globata ♂

Apanteles ♀ = A. [illegible] ♂.

Meteorus abdominator ♂, ant 38

Blacus [illegible] ♂, ant. 21 / B. [illegible] ♂ [illegible]

Pentapleura pumilio ♂♂ [illegible] [illegible] & [illegible]

Phaenocarpa picinervis 2♂♂, the one with poorly developed!

Aspilota minutissima ♀, ant 16 A. sp. [illegible] [illegible]

A. [illegible] ♀, ant. 16 A. (Synaldis) [illegible] ♀, ant. 19.

Dacnusa [illegible] [illegible]

[illegible] = D. [illegible] 2♀♀, ant both 25.

D. of nigella [illegible] ♂. ant. 32

Aphidius sp. 1

Proctos } 21.

Chalcids.

23.7.52, cont. Lawrence, M.P., cont.

Taken at 3. ([illegible]) [23 [illegible] 18/19.8.52]

[illegible] ♂

[illegible] [illegible] ♂

Cryptinid 7

Pimplinae 2

Tryphon ♀ ♂

Banchids 2.

Stenomacrus ♂

[illegible]

[illegible] ? ?

Campoplegids 4

Plectiscid ♂

Bracon [illegible] ♀♀♂, ant. 31 & 34.

[illegible] pallipes ♀, ant 21. [illegible] [illegible] ♂

Rhysipolis [illegible] ♀, ant 33

[illegible] [illegible] 2 ♀♀ (ant 25) ♂ & [illegible] =

[illegible] [illegible] ♂, ant 21

Opius [illegible] ♀, ant. 42. O. of [illegible] ♂ ant 21.

O. singulatus 3♂♂, ant 31, 33 & 35. These larger [illegible] ♂ with 22-seg. antennae

23.7.52, cont. Lawrence, M.P., cont.

Taken at 3, cont.

Adelura [illegible] 1♂, ant 47. A. [illegible] ♂, ant 27

Phaenocarpa [illegible] ♂, ant. 30.

Ph. [illegible] 1♀, ant. 21

[illegible] ♂ ant 22. D. ♂ ant 30

Dacnusa [illegible] & [illegible], ♂♀

D. [illegible] [illegible] [illegible] ♂

D. [illegible] ♀, ant 32, [illegible] ! D. [illegible] ♂ ant 39.

D. [illegible] ♂, ant 27. D. [illegible] small ♂, ant 24

[illegible] [illegible] ♀ [illegible].

Aphidius [illegible] ♂

Aphidiid [illegible] 2.

Proctotrupoids 15

Chalcid 2.

Cynipids 2, including one Eucoilinae!

a very warm day!

24th July 1952. Left Lawers, Perthshire, by noon bus & caught 1.45 P.M. train at Killin for Glasgow, where I arrived at 4.20 p. (along journey by [illegible] Graham) After afternoon tea went to the Botanic Gardens & stayed till 7 P.M. Collected luggage & went on boat for Belfast at 7.30.

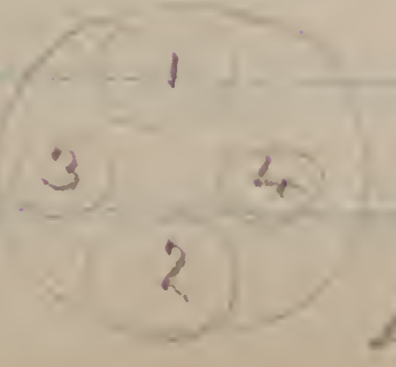
Arrived Belfast 6.30 A.M. on 25th July, caught 8.15 A.M. train for Dublin & home at noon.

So ended Scottish holiday for 1952!

Very hot & garden very dry. Fed snails in afternoon & evening.

Scottish Notes

Brought home a plant of Carex grahami from Beinn-nan Eachan collected on 22nd July & also one of Kobresia caricina taken on same day but in valley below Cam Creag. also small piece of sedge near C. dioica (C. pauciflora?) found where snow lies N.W. of Ben Lawers on 21st near head of the Allt-na-Chobair. On 26th July went in afternoon to the quarries S. of Ballinascorney Gap, Co. Dublin, to get fine stone refuse & planted the above & a scrap of Luzula spicata in a 12" pot late in evening, as per sketch



1 = Kobresia;
2 = Carex grahami;
3 = Carex sp. near dioica;
4 = Luzula spicata

Scottish notes cont. 26.7.52, cont

In the clump of Carex grahami are various mosses & other plants including Alchemilla vulgaris (agg.), Galium saxatile, Silene alpina, Chrysosplenium oppositifolium, Sphagnum, (See also p. 156 also!)

Molluscs. Posted Limnaea peregra from swamp on [illegible] yellow Corries to Mr Barden (Animal Genetics, Edinburgh) on 24th July, & also some from Loch Tay itself on 24th July

---

On morning of 24th discovered very small patches of a bright green alga in ploughed field opposite hotel & took Dr Kosten (the Dutch lady algologist) to see it. She subsequently sent me a message through Miss Hilda Porter to say it was "Botrychium granulatum (L.) Grev." At first sight I thought it was a Riccia!

END OF SCOTTISH HOLIDAY
1952.

25th–28th July 1952. Very hot on 25th & 26th & mainly sunny, cooler & dull on 27th & 28th but no rain in Dublin & environs very much burnt up by drought. [illegible] [illegible] [illegible] in garden!

28th July 1952. Spent morning in Museum with R.L. Coe (Brit. M.) who has been there for a week on checking the collection of Hover Flies (Syrphidae) & doing very good work.

In afternoon drove to Ballymakaily Bridge. There left car & walked up canal to Gollierstown Bridge. Collected by sweeping in 3 areas as follows:–

1 = edge of canal (W side) from lock to Gollierstown – especially the two "lie-bys"

2 = 1st pond SW of Gollierstown Br. (nearly dry)

3 = margin of ponds 1 & 2 on E. side of canal & SE of Gollierstown Bridge.

Entirely dull & rather strong cool westerly breeze, but got very much stuff

28.7.52, cont. Gollierstown, Co. DU.

Taken at 1. [[illegible] & then studied 27.1.1961.]

[illegible] [illegible] Gollierstown [illegible]

2, [illegible] = [illegible] ♀ [illegible] ♂, [illegible] ant. 26 [illegible] ♀ [illegible] ant. 27

[illegible] : none ntd.

[illegible] not ntd [illegible] ♀ : not ntd

[illegible] lutescens : bright [illegible] ♀, ant. 35.

[illegible] ♀ = ? Insignis, cf. obliquus Thom., ant 18.

[illegible] ♀ : not ntd.

[illegible] ♂ : not ntd.

[illegible] ♀ : not ntd. [illegible] ♂ : not ntd.

[illegible] intermedius Thoms. ♂, ant 27

[illegible] ♂ : none ntd.

[illegible] ♂ : not ntd.

[illegible] ♀, ant. 20

[illegible] lucidator ♂, ant 24.

[illegible] ; none ntd.

[illegible] : not ntd.

[illegible] ; not ntd.

[illegible] = A. (Synaldis) cf concolor ♂, ant. 16, length ca 1 mm.

A. (Synaldis) ♀, ant. 16, length ca. 1 mm or a little more.

167.

[illegible] cont. [illegible]

Taken at [illegible] cont.

[illegible] : none mtd.

[illegible] obesa ♂, ant 29.

D. raissa ♂, ant 30.

[illegible] ♂ not mtd.

[illegible] 2♀♀, [illegible] ; ant 19 & 20.

[illegible] ♂, ant. 68.

[illegible]

[illegible]

[illegible] } none mtd.

[illegible]

[illegible]

[illegible] (Syrphids [illegible] ♂ = Melanostoma mellina fide Coe.

also one small testaceous Dipteron (mtd) = { ♂ Neoascia geniculata fide Coe. Meig.
♀ Platycheirus clypeatus Meig. fide Coe.

168

[illegible] cont. [illegible]

[illegible] 2. [Only [illegible] mounted & these labelled 28. 1. 1962.]

[illegible] ♂ not [illegible]

[illegible] cf. incidens [illegible] ♂, ant. 36.

[illegible] varitarsis ♂, ant. 37.

[illegible] not mtd. [illegible] ♂ : not mtd.

[illegible] = A sp. near viatica & fuscescens, ♂ (ant 22) & ♀ (ant. 17) [semi-areolated prop. : very bright col. legs : longish terebra; narrow [illegible] areolet.]

[illegible] } none mtd.

[illegible] = Melanostoma mellina [illegible],

[illegible], fide Coe.

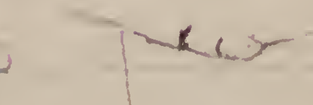
Taken at [illegible]

[illegible] 7 : only 2 mtd. = Microcryptus cf. gravipes Grav. ♀, ant. 22.

Cetrustodes [illegible] sp. ♂, very minute, ant. 19; aciculate tergite 2, as in Leptocryptus spp.

[illegible] [1♂ mtd., ant. 25 ♂♂.] [illegible]

[illegible] sp. 2♀♀, ant. both 20.

Euryproctus (Synodytes) notatus ♂, ant. 29 : with abnormality in median vein in both hind wings  in rt. wing in left wing

[illegible] =
Entomorrhina cf. costalis Thom.
♀, ant. (broken) 36+.

28.7.52, cont. — [illegible], [illegible], cont.

Taken at 3 [illegible].

[illegible] osculator ♂, ant 25.

[illegible] lanceolator ♂, very small, ant. 21

[illegible] [illegible] ♀ not mtd.

[illegible] [illegible] ♀: none mtd ♀ [illegible] ♂: not mtd.

[illegible] infirmus ♂, ant 35, var. with pale stigma & yet does not seem teneral.

[illegible] [illegible] ♀, ant. 20.

[illegible] [illegible] 3: not mtd. O. exilis 2 ♂♂, ant. both 27.

[illegible]

[illegible] (= [illegible]) 2 ♂♂, ant. both 30.

Aspilota ([illegible]) cf temporalis ♀, ant. 15.

[illegible]: none mtd.

[illegible] 1 not mtd. D. of ovalis group, ♂, ant. 21

D. sp. possibly near aphanta: ? ♀, ant. 27, stigma shorter & broader than aphanta

D. ([illegible]) [illegible]: not mtd. D. (G) [illegible] ♂ ant. 28.

[illegible] 3: not mtd.

[illegible] [illegible] Hal. 2 small ♂♂, ant. 24 & 25.

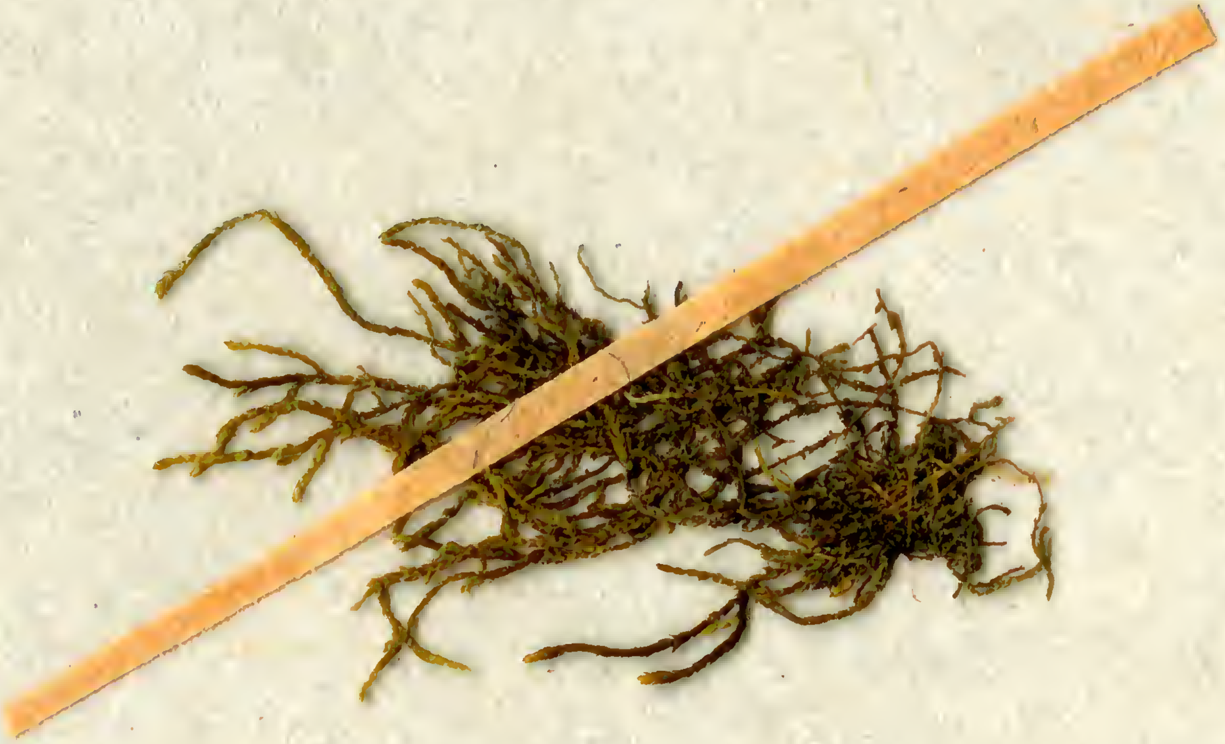
[illegible]
[illegible]
[illegible]
[illegible] 3
} none mtd.

[illegible] 6. Syritta pipiens 2, Cheilosia [illegible],
Platycheirus manicatus; & Neoascia aenea fide Coe
Chrysogaster chalybeata Meig. ♀

Zootrephus sp ♂, ant. 20.

[illegible] [illegible] ♂, not mtd.

[illegible] 1 not mtd.



Fide J.S.T.

Pseudoleska catenulata

B. & S.

West Corrie,

Ben Lawers. 1.7.1952.

Beetles taken beside melting snow
patch at N.W. side of An Stuc on
3.7.1953. Nebria rufescens Strom
= gyllenhalli!
2 black & 1 rufous specimens
Atheta longiuscula Grav.
fide H.W. Daltry.

PM.

Lawers Hotel, ~~24~~ 23/7/52

Sorry so awful!

Photo. Marcus Graham

ILFORD ILFORD ILFORD ILFORD ILFORD ILFORD

1 452

Church & loch shore from
my window

2 601

Photo. Marcus Graham

B

ILFORD

A.W.S., Len Williams
& Mr Evans
starting out from
Lawers Hotel

ILFORD

Meall Gruaidh
in background.

$\frac{\Sigma}{5}$

ILFORD

photo Miss W. Hart
12.7.1952.

ILFORD

Telephone :—
KENSINGTON 6323.

Telegrams :—
NATHISMUS, SOUTHKENS, LONDON.

NATIONAL SCHEME FOR DISABLED MEN

DEPARTMENT OF ENTOMOLOGY
BRITISH MUSEUM (NATURAL HISTORY),
CROMWELL ROAD,
LONDON, S.W.7.

2nd September, 1952.

Dear Mr. Stelfox,

Many thanks for the data of the Xylota lenta, also for the box of Syrphidae. Although all these have been noted as Irish, they include two interesting species- Platychirus scambus Staeg. ♂ and Eristalis abusivus Collin ♂. The latter is uncommon, resembling the common E. arbustorum L. very closely. For your information, the Platychirus is from Newcastle, Co. Wicklow, 12.8. and the Eristalis is Newcastle, Co. Wicklow 5.8.

I shall be pleased to see any further Syrphidae that you catch this season,

With kind regards to Mrs. Stelfox and yourself,

Yours sincerely,

R.L.Coe

(R.L.Coe)

28.7.52 cont. — [illegible], [illegible], cont.

Taken at 3 [illegible].

[illegible] osculator ♂, ant. 25.

[illegible] lanceolator ♂, very small, ant. 21

[illegible] ♀: not mtd.

[illegible] ♀: none mtd. [illegible] falcata ♂: not mtd.

[illegible] infirmus ♂, ant 35, var. with pale stigma & yet does not seem teneral.

[illegible] ♀, ant. 20.

[illegible] 3: not mtd. O. exilis 2 ♂♂, ant. both 27.

[illegible]

[illegible] (= nimia [illegible]) 2 ♂♂: ant. both 30.

[illegible] of temporalis ♀, ant. 15.

[illegible]: none mtd.

[illegible] not mtd. D. of oralis group, ♂, ant. 31

D. sp. possibly near aphanta. ? ♀, ant. 27, stigma shorter & broader than aphanta

[illegible] not mtd. D. (G.) siniffa ♂ ant. 28.

[illegible] 3: not mtd.

[illegible] Gryphota Hal. 2 small ♂♂, ant. 24 & 25.

[illegible] ♀
[illegible]
[illegible]
[illegible] 3
} none mtd.

[illegible] 6. Syrita pipiens 2, Chilosia [illegible],
Platychirus manicatus; & Neoascia [illegible] fide Coe.
Chrysogaster chalybeata Meig. ♀

30th July 1952. Very [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] afternoon [illegible] [illegible]

[illegible] afternoon [illegible] with R. L. Coe, to [illegible] Bridge, K.D. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] for [illegible], as follows: —

1. = Rye [illegible] [illegible] [illegible] Bridge [illegible] Rye [illegible], [illegible] [illegible] [illegible] [illegible] [illegible].

3. = Strip N. of [illegible] [illegible] [illegible] [illegible] & Mc Mitchell [illegible].

Rye [illegible]. Co. K.D. [34 std. from 1 & these labelled 1.2.1961.]

Taken at 1.

♂ [illegible] 1: not mtd.

[illegible] ♀. 3 mtd. = Phygadeuonid ♂, ant. 21 =

Phygadeuon? sp. ♀, ant. 19, tricoloured.

Pezomachus? sp. ♂, ant 22; abd. ? matt.

[illegible] ♂, ant. 23. = P. arundinator F.

[illegible] ♀: not mtd. [illegible]: not mtd.

[illegible], ant. 23.

[illegible]: not mtd.

[illegible] sp.? ♀, 1.8 mm. small, ant 19: runs to monocellus in Schmied.'

Zootrephus sp. ♂, ant. 20.

[illegible] ♂: not mtd.

[illegible] 1: not mtd.

30.7.52, cont. Rye Harbour, Sx, cont.

Take at 1, cont.

Bracon sp. nr. [illegible] 2 small ♀♀, ant. 29 & 34.

B. [illegible] v degener ♀, ant. 26. B. cf. coriaceus small ♀, ant. 28.

B. rufigonatus mihi. 2 ♀♀, ant. 28 & 31. NB. This sp. belongs to Thomson's tenuicornis complex! AWS. 1961.

Oncophanes lanceolator 1 minute ♂, ant. 20.

[illegible] 2 ♂♂, 2 ♀♀ : none mtd.

Apanteles sp. [illegible] ♂, 2 [illegible] : none mtd.

[illegible] ♀, ant. 31.

Opius longicaudatus mihi 2 very nice ♂♂, ant. both 31. O. cf. caesus? ♀ with smooth tergite 2, ant. 21.

O. aurantipes ♀, ant. 28. O. politus ♂, ant. 22; tergite 1 smooth & polished.

O. irregularis, a minute ♂, ant. 23

[illegible] ♂ : not mtd. [illegible] ♀. not mtd.

[illegible] ♂

[illegible] [fulvicornis : large ♀ : no sign of this when labelling & not at present in collection! AWS. 3.2.1961.]

A. sp. ♀ : not mtd.

[illegible] ♂ : none mtd.

[illegible] ♀ : not mtd.

D. cf. minuta ?, (♂?), ant. 30

D. cf. rarissa ? : a small & a larger ♂, ant. 30 & 33.

[illegible] 2 minute ♀♀ : not mtd.

[illegible] ♀ ; ant. 56.

Ephedrus plagiator ♀ : not mtd.

11)

30.7.52, cont. Rye Harbour, Sx, cont.

Trioxys [illegible] sp. n. 2 ♀♀, ant. 13, a small species with very long beak-like [illegible], &c. — only 1 seen when labelling 3.2.61. AWS. See also ♀ from Kilham, NB, 16.2.52, p. 134 [illegible]!

Trioxys testaceus Stelfox. ♀, ant. 12.

[illegible] ♂. not mtd.

[illegible] ♀, ant. 19.

Aphidius 5. none mtd.

[illegible] 11 : none mtd.

Chalcids 6 : not mtd.

Cynipids 3 : not mtd.

Hemiptera 2 =

Coleoptera 3 =

Diptera: Syrphids 7 ([illegible]). [illegible] cinerea all 7 [illegible]

30.7.52, cont. Royal Canal, [illegible]

Take at 2.

Cryptinids 2. not mtd.

Glypta ♂ : not mtd. [illegible] ♀ not mtd.

Bracon [illegible] ♀ not mtd.

Homocidus [illegible] ♂, ant. 24.

H. tarsatorius, ♀, small, ant 22.

H. cf. subopaca, ♀, ant. 20 no red on pleural!

[illegible] ♀.

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(2)

30.7.52, contd. Royal Canal, N.E., cont.

1 Campoplegids 1 : only 1 wtd. = Eulimneria xanthostoma ♀, ant. 27.

Bracon [illegible] not wtd. ♂ & ♀, both with distorted [illegible]
B. [illegible] not wtd. & [illegible] only 2 wtd. =
B. cf. centaureae-nigrae, small ♀, ant. 23.
B. [illegible] ♂, ant. 23.
Chelonus pusio Marshall & [illegible], ant. 23 : ♂?
[illegible] obscurator? ♂, ant. 30 : wings small.
Apanteles cf. infimus 3 : not wtd. A. praetor 2 ♀♀, large!
Microgaster sp. ♀ : not wtd.
[illegible] sp. ♂ : not wtd. Opius exilis ♀, ant 24.
Aspilota [illegible] ♀ : not wtd.
Dacnusa [illegible] & [illegible] 2.
D. cf. confinis, ♀, ant. 23.
D. leptogaster ♀, ant. 28.
D. cf. avesta? ant. 26, ♀, but ant not pale at base!
[illegible] mihi, ♀ : ant. 31.
[illegible] 2 ♀♀ : not wtd. Aphidius sp. 1 : not wtd.
Proctotrupids [illegible] : none wtd.
Chalcids 3 : 1 black sp. only wtd. = [illegible] sp. ♀
Cynipid 1 : not wtd.
Diptera : Syrphids 2 (given to Coe) Syritta pipiens, ♂
"Melanostoma scalare 2♀♀, g. to Coe

Specimens of the [illegible] — [illegible] taken in [illegible] at 10 P.M. [illegible]

173

5th August 1952 A lovely day, after mixed broken weather with heavy showers, with much hot sun & great SW breeze off the sea. Left home about 10.10 AM (Davis, J & R.L. Coe of B.M.) & drove via Enniskerry to Newcastle station on The Murrough, Co. Wi., & collected there till 5 P.M. Arrived at Newcastle station at 11.10 AM & home at 6.10 P.M. Found the marshes very dry & drain parallel to railway, S. of station quite dry & hard. Collected in 4 areas! —
1. = Along railway (inside & outside line) for ½ mile S. of station.
2. = Marshes just S. of station (⅛ mile): including dry drain. 12 noon – 1.0 P.M.
3. = Marshes inland of houses at 5 mile point, S. of station, & N. of the lane across the marsh. 2.30 – 4.0 P.M.
4. = Dry drain parallel to railway ⅛–¼ mile S. of station. 4–5 P.M.

The Murrough, Co. Wi. (Numbered from here & then labelled 10.2.1961.)

Taken at 1. (coast & railway) before & after lunch.
Bethylus fuscicornis 1 : not wtd. Collected picking up 1♂ & 2♀♀ [illegible]
Epitomus "pygmaeus" s.l. 1 : not wtd.
Cryptinids 3 : none wtd.

Campoplegids 5, including Dusona sp. and [illegible] ♂ & ♀ none wtd.

Butterflies – Painted Lady, (small, very fresh), Small Tortoiseshell, Grayling very abundant, Common Blue (2nd brood), Small Copper, Green-veined White.

5.8.52, cont. The Murrough, Wi, cont.

Taken at 1, cont.

Bracon fulvipes ? ♀ near to fulvipes but terebra ca. 2/3 abd. ant. 33. & anthracinus ♀. not mtd.

B. cf. variator? ant. 26, ♀. B. variator var. ♀, ant. 25.

Chelonus cf. oculator abundant: 2 ♂♂ mtd. on their back, ant. both 28.

Sigalphus floricola tergite 3 aciculate. ♀, ant. 21. Sig. cf. caudatus, ♂, ant. 20: tergite 3 smooth.

Spathius sp. ♂, [illegible]: not mtd.

Microplitis mediator ♂, red antennae.

Orgilus obscurator? ♂, ant. 28; tergite 1 ± smooth on postpetiole.

Perilitus cf. cerealium Th. ♂, ant. 20. non Hal.?

Meteorus rubens 2 ♂♂: not mtd.

Opius micans Stelfox. ♀, very nice looking! ant. 29 (= nitidus Stelfox)

Alysia manducator ♂ not mtd.

A. pilata (S.) cf. concolor ♂, 2 ♀♀: not mtd.

Dacnusa areolaris group 1: not mtd.

D. cyclops ♀, ant. 24.

Coelinius sp.? 1 (? ♀ or ♂) ant. 39.

Aphidius 2: 1 mtd = A. sp.? ♂, ant. 21, pale legs.

A. crepidis Hal. ♀, ant. 13 & possibly a ♂, ant. 15.

Proct. 1
Chalcid 3 } none mtd.
Cynipid 1

5.8.52, cont. The Murrough, Wi, cont. [37 mtd from 2 & three labelled on 10.10.1961.]

Taken at 2. (in meadow). 12 noon – 1.30 P.M.

[illegible] ♂ [illegible] 2 ♂♂ [illegible]

Ich. sect. 1 5 only 2 mtd = Platylabus nitidiventris ♂, ant. 38.

Centeterus approximator ♂, ant. X.

Cryptinae 15, 6 mtd., including Pezomachus instabilis not mtd. (1) & fasciatus not mtd. (1) ♀♀

Leptocryptus sp. a very small ♂: ant. 24. Stilpnus gagates: not mtd.

Phygadeuon? sp. not mtd., ♀, ant. 18. Aritranis longipes Grav. = elegans Duv. 2 ♂♂, both 29.

Plectocryptus arrogans ♂, ant. 32. Microcryptus? cf. impedus ♂, ant. 29.

Pimpla melanopyga 1 ♀, ant. 26. P. brassicariae 1 ♀ not mtd. P. [illegible] ♀ not mtd.

Lissonota sp. ♂: not mtd. L. variabilis ♀, ant. 38.

Glypta [illegible] ♀: not mtd.

Zootrephes sp. ♂: not mtd.

Homocidus tarsatorius ♂, ant. 20. Exochus decoloratus?, ant. 31: ♀?

Mesoleius cf. scapularis Stephens? ♂, ant. 42.

Oedemopsis scabricula ♀.

Thersilochidae 4

Campoplegini abundant mostly Meloboris spp. & one pair taken in cop.: these have red hind coxae & legs = Meloboris cf. litoralis Holmgr. ♀; because of transverse postpetiole & rugose propodeum, etc. Ant. ♂ 30, ♀ 32.

Taken in cop. & mounted on same card!

Also mtd. 1 ♀, ant. 27, like a small Diadegma but not crassicornis. Later some in ♀♀ gen. et sp.? taken at station 4, see p. 180 →

177.

5.8.52 cont. – The Burrough, Wl., cont.

Taken at 2, cont.

Bracon spp. abundant – mainly B. fulvipes & [illegible]? – 1♂ fulvipes mtd. ant. 41.

B. testaceus sp. nov. allotype! See p. 179 for ♀ type, & 4 ♂♂ ♂, ant. 31, entirely testaceous, but 1 coriaceous, prop. keeled, mesoth.; head cubical
B. fuscicornis ♂, ant. 35.

B. [illegible] ♂ : not mtd. B. sp. [illegible] ♂ not mtd. B. hispiterga ♀, ant. 25.

Hormius "moniliatus" ♂, ant. 24.

Sigalphus ♂ : not mtd.

Chelonus pedator ♂, ant. 23; 2♀♀, ant. 22 & 23 } Ascogaster rufipes ♂, ant. 34.

Apanteles spp. 7, of spurius & fulvipes (?)

Microplitis cf. mediator 3 ♂♂ : one mtd.

Hygroplitis [illegible] ✓ ♂

Diospilus ochraceus ♀ : not mtd. Opius caesus ♀ : not mtd.

Pentapleura pumilio ♀ : not mtd.

Alysia atra, Hal. ♂, ant. 34.

Aspilota (B.) concolor ♀ : not mtd.

Dacnusa areolaris prop. sp. : 1 mtd. = D. areolaris ♀, ant. 2, v small

D. (G.) nigrocaposa 1 ♂, ant. 26.

D. (G.) affinis ♀, not mtd. Chaenusa conjungens : 2 small ♀♀, ant. 18 & 20, one with mark, the other smooth mesonotum AWS

Chorebidea stenostigma n. ♂, ant. 23 : this is perhaps only a var. of lymphatus Hal, A.W.S.

Bracon obscurus? ♀, all black antennae : not mtd.

Ephedrus validus ♀ not mtd. Trioxys ♀ { Possibly letifer Hal. but smashed before identification confirmed & thrown out. AWS. 1961

Aphidius sp. ♀ : not mtd.

178.

5.8.52, cont. The Burrough, Wl., cont.

Taken at 2, cont.

Proctos. 7
Chalcid. 7 only one mtd. →
Cynipid. 1.
} None mtd. except one nice Chalcid =

[illegible]

Symphyta 5 : given to R.L.Coe, including [illegible] abdominalis Cobb. ♂ [illegible] R.L.C. in litt. of 5.9.52. AWS

Wh. beetle. Hemiptera 1 = [illegible]!

Taken at 3 [35 mtd. & these labelled on 16.2.1961. AWS.]

Cryptinae 8 : 3 mtd. = Gambrus? cf. ornatulus Th.? ♂, ant. 26

Aritranis leucopygus ♂, ant. 29.

Hemiteles? small sp. ♀, ant. 21.

Phygadeuon [illegible] ♀ : not mtd.

Exochus cf. decoloratus (♂?) ♀, ant. 31; runs to this in Schmied.'s key, but does not fit well. AWS.

Stenomacrus varicornis n. ♀, ant. 21 : perhaps this = confinis Holmgr. AWS.

Promethes sulcator 2 ♂♂ : not mtd.

Orthocentrus [illegible] ♀ : not mtd.

Campoplegidae 5 (2 mtd.) = Sagaritis punctata? ♀, ant. 29.

Mesochorus sp. : not mtd.

Anilasta cf. inguinata Holmgr. ♀, ant. 37.

S. R. 52, cont. — Murray [illegible], cont.

Taken at 2, cont.

Bracon fulvipes [illegible] [illegible], some with [illegible].

[illegible] with [illegible] = 3 spp. as follows: — for ♂ allotype see p 177, ant. 29 — terebra 3/4 abd. (?)

Abd testaceous, tergite 2 + prop. finely rugose, ant. 28 in ♀ (29-34 in ♂), prescutellar furrow wide, rugose basal antennal segs. slenderer than in fulvipes, legs pale testaceous = testacea sp. n. ♀ (type), 4 ♂♂.

Abd black + testaceous, tergite 2 + prop. coarsely rugose, ant. 29-31 in ♀ (34-37 in ♂), prescutellar furrow less marked (?), basal antennal segs. stouter, leg. testaceous, terebra 2/3 abd. = fulvipes, 2 ♂♂, 2 ♀♀.

Abd. black + testaceous, hind coxae trochanter, base of femora, apex of tibiae + tarsi all ± blackish, ant. 32 in ♀, 37 in ♂, head short + much more contracted behind eyes, tergite 2 + prop. coarsely rugose = brevicapitata sp. n.

Sig. alpha [illegible] 2 ♂♂, one mtd. = S. cf. candidus, ant. 20.

Apanteles cf. [illegible] ♂♂ + ♀♀ common: not mtd.

A. [illegible] ♀: not mtd. [illegible] ferrugineus ✓ ♀.

Orgilus cf. [illegible] ♂, ant. 30; small, not very dark, wings.

Bl[illegible] [illegible] ♀ not mtd.

Opius [illegible] ♀: not mtd. O. longicaudatus ♀; ant. 27.

Aspilota (S.) sp. 2: neither mtd.

[illegible] bathystoma Marshall. ♀, ant. 29: very nice example.

D. cf. [illegible] ♀: not mtd.

D. (G.) affinis ? ♀, ant. 22. Coelinius cf. viduus, small ♀, ant. 30.

Chorebus [illegible] ♂, ant. 66.

Ephedrus validus ? Trioxys [illegible], minute ♂

Aphidius spp. 8 = A. cuspidis ♀, ant. 13; and 7 ♂♂ spp.? as follows:

A. sp. 2 ♂♂, ant. 18 & 18+. A. sp.?, ant. 15, 16 & 17: 3 ♂♂

A. sp. minute ♂, short 14-seg. ant.

A. sp. minute ♂, longer 13-seg. ant.

Taken at 3, cont.

Rhogas 6
Chelonus 6
Cynipid 1, minute
} none mtd.

Weevil =

Taken at 4 (Dry drain: 4-30 - 4-40 PM) ([illegible])

[illegible] ♂ ant. 37 = [illegible] cf. [illegible] AWS

[illegible] 17.

[illegible]

[illegible] ♂ [illegible]

[illegible] cf. [illegible]; ant 32 {[illegible]} No! AWS.

[illegible] cf. ♂, [illegible]

[illegible] 2 small ♀♀, ant. [illegible] 17 =

[illegible]

[illegible]

5.8.52, cont. The Warren of Wly, cont.

Taken at [illegible], cont.

Bracon of politus & [illegible] common, with ♂♂

B. of [illegible] [illegible], [illegible] 3 small, ♂ ant. 22 · of ♀ taken [illegible] [illegible] ant.

[illegible] [illegible] ([illegible] ♀ & [illegible] [illegible] [illegible] [illegible]!

Apanteles of infimus

Meteorus abdominator ♀

Dinotrema [illegible] ♀ Opius, common, 1

Opius ♀ of [illegible] [illegible] (= [illegible] [illegible]) {(b) 2♂♂ taken [illegible] [illegible]}

[no [illegible]!] –

Dacnusa fasciata nid. ♀. Sp. n. Type! Ant. 28.

See Ent. mo. Mag. 1954!

D. (G.) [illegible] [illegible] ♂ ant. 27 (= [illegible] [illegible]).

D. [illegible] [illegible] ♀. D. (G.) scabriforsa small ♀, ant. 25.

Chorebidea femoralis [illegible] ♂, ant. 21; [illegible] rather [illegible] [illegible]!

[illegible] [illegible]

[illegible] [illegible] 2 [illegible] of 3.

Proctotrupidae 6

Chalcids 2

[illegible] & [illegible], [illegible]

6th August 1952. A nice sunny day, warm, but with cool wind, breezy – [illegible] down Glenasmole!

In afternoon drove to Glenasmole, with R.L. [illegible],

& collected by sweeping in 2 areas –

1 – by path from [illegible] to upper [illegible] & especially off vegetation growing in dry [illegible] of upper lake near the roadway bridge [illegible]

2 – by [illegible] from [illegible] [illegible] & [illegible] upper end of upper reservoir [illegible] [illegible]

Glenasmole, Co. Dub.

[19 mtd from 1 & those labelled 21.2 1961. AWS.]

Taken at 1.

Vespa austriaca (w), V. [illegible] ([illegible]), V. rufa, V. norvegica & V. vulgaris, common on Angelica along W side of upper lake

Bay

Ichneumon saturatorius ♀ on Angelica; ant. 24.

& [illegible] ♀ = Dicaelotus pumilus ♀, ant. 25

[illegible] 2 mtd. [illegible] [illegible] [illegible] ♂. not mtd.

Phygadeuon ? ♀ ♀, ant. 17, small wings. Phygadeuon ? [illegible] ♀, ant. 19, normal wings.

Glypta [illegible] & [illegible] ♂ ant. 41.

Homocidus longiventris ♀, ant. 21. H. nigritarsis, small ♀, ant. 20.

Ca[illegible] ♀: not mtd.

Bracon [illegible] ♂ not mtd. Macrocentrus marginator, ant. 46. a very dark one, legs nearly black.

Pentapleura [illegible] ♂ not mtd. Phaenocarpa nitida Th. ♀, ant. 28.

Dacnusa [illegible] ♀, ant. 35. D. [illegible] nov. ♀, ant. 26.

Aphidius of [illegible] ♀, ant. 17. Aph. of ervi ♀, ant. 19.

Proctotrupidae 7: 1 mtd. = [illegible] Chalcid 1, not mtd. [illegible] 1 = [illegible] ♀

[illegible] not. [illegible] Dr., not.

Taken at 2

[illegible] 7: 2 ntd. = Hemiteles sp. ntd ♀, ant. 19.

Pezomachus sp. ♂, winged, ant. 29.

[illegible] none ntd.

[illegible] not ntd.

Ctenisceid: Eridolus bimaculatus ♂? ant. 26} [illegible] of [illegible] ♀ ant. 43 amongst Equisetum! var. with almost black face. [illegible] See 2♀♀ taken in same locality on (2) 14.8.41. AWS.

[illegible] prosopis 2 ♂♂, ant. 35 & 36.

[illegible] 2 ♂ & ♀, ant 21 & 17 respectively =

[illegible] 1 ♀: not ntd.

Bracon [illegible]: not ntd. B. cf. fraudator var. with ♂ ant. 31. & ♀ ant. 24. dark legs; tergites of ♂ rather more sculptured than usual. AWS 1964.

[illegible] ♀: not ntd.

[illegible] ♂: not ntd.

Dacnusa areolaris group. 2 ♂♂, ♀: none ntd.

D. 1. D. (G.) [illegible] 2 ♂♂: not ntd.

D. (G.) [illegible] 2 ♀♀: not ntd.

Chorebus [illegible] (♂ ♀): not ntd.

Ephedrus [illegible] not ntd [illegible] sp. [illegible] none ntd

Aphidius sp. 2: none ntd

[illegible] 2; none ntd. [illegible]: not ntd.

Cynipid 1: not ntd.

[illegible] = Fenusa pusilla (= pumila) ♀.

Symphyta 3.

10th August 1952. [illegible] windy day (SW–W) after heavy rain on Sat 9th & [illegible] very heavy showers on 23, [illegible] in early morning. [illegible] [illegible] Blackwood [illegible] on Naas road & then took the old Woolpack Road, [illegible] off the [illegible], then drove on to Naas, [illegible] Naas. [illegible] for 1/2 mile & then round Oldtown estate to [illegible] & Osberstown area & so home the usual way. Collected in 3 areas as follows:—

1. Side of Woolpack Road at Huttonread, Co. KD. 11.30 – 12.0 noon
2. Extensive, disused, sandpit on SE side of Woolpack Road & 1/2 mile NE of Arthurstown Co. KD. on 1" Ord map. 12.10 – 2.30 PM
3. Between [illegible] lake & Naas – Osberstown road on SW margin of Oldtown House estate, Co KD. 3/4 mile NNW. of Naas. 3.0 till 5.0 PM. Home 5.50 P.M.

10.8.52 (1) Huttonread, Co. KD. [25 ntd & those labelled 1.3.1961 AWS.]

[illegible] ♂. not ntd.

Phaeogenid 2 = Herpestomus arridens Grav. ♂, var. with black abdomen, ant. 23.

Phaeogenes cf. fuscicornis ♀, ant. 23.

10 · 8 · 52 (1) cont. Huttonread, KD, cont.
Cryptini ? 7 [illegible] Hemiteles group ♂ ; not mtd.
Only 1 mtd. = Atractodes ? sp. ♂, ant. 20.

Pimpla flavicoxis smaller Lissonota bellator ♀ } none of these mtd.
Glypta [illegible] ♀, blackish, terebra bitten off short! }
Triclistus globulipes ♂ ant. 27.
Stenomacrus either deletus or concinnus } 2 ♂♂ ant. 24 & 27 (possibly off [illegible]!). Stenomacrus intermedius ♂, ant. 30
Campoplegids 7 : none mtd.

Bracon cf. grandator? ♀, ant. 24. B. cf. discoideus — but has fringe of [illegible] apparently rubbed off? ♀, ant. 24, [illegible]
Apanteles falcatus 2 ♀♀ not mtd. A. cf. lacteus Marsh. ♀ {but does not quite agree! AWS. 1961
A. fulvipes group ♂
Blacus [illegible] ♀, ant. 17. B. paganus ♂, ant. 20.
B. humilis group: ♂ (ant. 19) & ♀ (ant. 17).
Macrocentrus infirmus ♂, ant. 36.
Aspilota [illegible] & an other ♂ : not mtd.
A. cf. [illegible] ♀, ant. 18, smooth propod. A. cf. tibialis ? ♀, ant. 18, longer than last.
A. minutissima 2 ♀♀, ant. both 16.
Orthostigma cf. nidicola? a smaller & a larger ♀, ant. 20 & 22.
Dacnusa [illegible] ♂, ant. 32 D. [illegible] small ♀ : not mtd.
D. [illegible] ♀ & D. [illegible] & [illegible] 5 : none mtd.
Chorebus [illegible] ♂, ant. 24, smooth head!

10 · 8 · 52 (1) cont. Huttonread, KD, cont.
Aphidiinae sp. 3 : not mtd.
Proctos 10 : none mtd.

Chalcids 5 : none mtd.
Cynipids 2 : not mtd.
Syrphid =
Beetle =
Homoptera ♀ : not mtd.

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10 · 8 · 52 (2) Sandpit near [illegible], Co. KD.
[27 mtd. & these labelled on 4/3/1961. AWS]
Andrena vitrea? ✓ ♂ Halictus [illegible] ♂♀ none mtd.
Mellinus arvensis : not mtd.
Platylabus dimidiatus red ♀, ant. 34.
Phaeogenid? ♀ = Stenodontus marginellus ♀, ant. 27
Oronotus binotatus ♂, ant. 32.
Cryptinids 7 : none mtd.

Pimpla brevicornis, large ♀ & a small ♂ : neither mtd.
P. cf. vagans? ♂, ant. 22.
P. cf. "detrita Holmgr." ♀ [illegible], blackish! ant. 23.
Glypta longicauda ♀ & also ? ♂ : not mtd.
Lampronota caligata ♂, ant. 27

10.8.52 (2) cont. [illegible], K.D., cont. (Sandpit)

Promethes sulcator 1 & dorsalis 1♂ ♀ red; neither mtd.

Zootrephes 1: not mtd.

Homocidus signatus ♀: not mtd.

Gen. et sp.? ♀ Mesochorid? ant. 32 = Synomelix albipes ♀? Ant. 32.

Porizontid ♂; not mtd.

Campoplegids ?: not mtd.

Bracon variator small 1♀, all black tibiae, ant. 26. } B. fulvipes, small dark ♀, ant. 29.

B. cf. centaureae-nigrae ♀, ant. 25: but wings not really dark } B. cf. variator? ♂, ant. 27, but hind tibiae ½ pale, 20? AWS.

Hormius moniliatus ♀, with antennae bitten off when caught;

Chelonus cf intermedius 6♂♂, ant. all 28; 1♀, ant. 24.

Sigalphus caudatus ♀; not mtd.

Macrocentrus marginator 1♂, 1♀: ant. smaller 1♂ 43; larger ♀ 47.

Opius caesus ♀; not mtd. O. semicirculatus: a minute ♂, ant. 25.

Aspilota semirufa var. ♂: with [illegible] ... abdomen dark, ant. 19.

C. cf viridicatrix ♂, ant. 22.

Dacnusa areolaris? ♂. D. cyclops? D. elegantula ♀

D. (G.) affinis 1♀, ♂ red legs.

Ephedrus validus ♀. E. lacertosus ♂

Monoctonus caricis ♂. Ephedrus sp. ♀

} none mounted.

Sawfly 1 = Pachynematus obductus ♀. Proctos. 1♀; mtd = Paracodrus apterogynus ♂.

Diptera Syrphid ?: given to Coe.

Chalcid 1: not mtd.

10.8.52 (3). [illegible] Ho., [illegible], Co. K.D.

Dryinidae 2♀♀: Chelogynus obscuricollis Kieff.! AWS.

Bracon [illegible]; not mtd

Phaeogenids ? = Phaeogenes planifrons ♀, ant. 28

Phaeogenes? sp.? ♀, ant 25; also ♂ (? same sp.) ant. 26.

Cryptinid 8. Phygadeuon leucostigmus Grav. 2♀♀, ant. all 19.

Aptesis assimilis Grav. ♂, ant. 26. Pezomachus sp. ♀, ant. 19.

Leptocryptus sp. small ♂, ant. 23 Leptocryptus sp. larger ♂, ant. 23

Hemiteles sp. ♀, ant 21. Acrodactylus degener ♀, ant. 23.

[illegible] ♂; not mtd. Polyblastus varitarsus ♂, ant. 36+.

Homocidus pectoratus 2♂♂

Promethes sulcator ♀ P. pulchellus 2♂♂ ♀

P. cingulatus 2♂♂

Picrostigeus recticauda ♀, large, ant. 31.

Stenomacrus ? = Acrotomus succinctus ♂, ant. 26.

Mesoleius sp.? fide J. F. Perkins 1961.
~~Scopesus cf. obscurus~~ ♀, ant. 24+ (bitten off!)

Mesochorus sp. curved radius, ♂, ant. 28 M. sp. straight radius, ♀, ant. 34.

Campoplegids ♀: none mtd.

Bracon fulvipes var ♀, ant. 30, legs darkened + tergites 4 onwards almost smooth & polished! AWS

B. very near "epitriptus var 3" ♀, ant 32: also very like rugigerator, but prop. quite smooth in centre.

10.8.52, (3) cont. Oldtown Ho., KD., cont.

[illegible] [illegible] 8 (♂, ♀): not wtd.

Rhyssalus [illegible] 3 ♂♂: none wtd.

[illegible] [illegible] ♂, ant. 25.

Rogas [illegible] cf. var. nigriceps ♂, ant. 41.

Aspilota ovalis ♀.

Macrocentrus infirmus ♀, ant. 32.

Opius spp. 7 = O. [illegible] n. ♀, ant. 31. O. communis n. ♀, ant. 13.

O. stenops n. 2♂♂, ant. 23 & 25. O. aemulus Hal. 1♂, 1♀, ant. both 25.

O. "longicornis" auct. — non Thomson. ♂, ant. 25.

O. (Biosteres) [illegible] 1♂, 1♀, [illegible] ant. 41 & 39 resp.

Pentapleura pumilio ♀

Phaenocarpa ruficeps ♀. Ph. conspurcator ♂

Aspilota spp. ? = A. fuscicornis ♀ (not wtd.)

A. [illegible] 5 & 6. ♀, ant. 20; ♂, ant. 22. A. sp. with dimple, 2♀♀, ant. 19 & 2 (not ruficipes!)

A. cf. umbripes, ♂, ant. 20. A. sp. of planifrons group: a minute ♂, ant. 17; tergites 1 & 2 red.

A. cf. fuscicornis ♂, ant. 18; ♀, ant. 16.

A. sp. nov.? no dimple, short antennae, 16-segmented. A. (Synaldis) cf. [illegible] ♀, ant. 17.

Dacnusa pubescens 1♀, not wtd. D. areolaris group [illegible] 20 [illegible] — none wtd.

D. [illegible] ♀, [illegible]: not wtd. D. [illegible] 2♂♂ 1♀ — none wtd. D. [illegible] ♂, ant. 31.

D. alma, what look like 2♂♂, ant. both 30, but one has ♀ antennae! AWS.

D. sp. [illegible] group? ♂, ant. 34 =

10.8.52 (3) cont. Oldtown Ho., KD., cont.

Ephedrus plagiator 5 (♀♀). E. [illegible] ♀

Praon [illegible]: 3♂♂, 1♀. Aphidius sp. 1

Proctos. abundant. c. 35 in sweeps.

Chalcids abundant 20 in sweeps, [illegible].

Cynipids 6 [illegible]

none wtd.

For insects taken in garden, 14 Clareville Road, Harold's Cross, DU, on 11.8.52, see p. 192 →

12th Aug. 1952. A [illegible] morning with promise of a fine [illegible] day after heavy rain on 11th. Strong SW wind [illegible] Dublin. So left [illegible] at [illegible] a.m. for the [illegible], but ran into SE gale beyond [illegible] of the town, & road wet. Drove to Newcastle station & found everything dripping & the [illegible] ([illegible] dry on 5th) now flooded. Brought a [illegible] & heavy shower [illegible] all day, but stayed till 4.30 PM & tried to sweep ditch parallel to railway, S of station, where swept on 5th. [illegible] plentiful, but [illegible] impossible to sweep. [illegible] took the following along the drain.

Painted Lady, & Red Admiral butterflies seen by [illegible] on roadside near station, & 1 of latter by me. 33 mounted & those labelled on 14/3/1961! AWS.

12.6.52, cont. The Murrough, Co. Wy, cont.
Amblyteles ♂ : not retd.
[illegible] : not retd.
Cryptinae 23: 6 retd. = Hemiteles sp. ♂ & ♀, ant. 21 & 20.
Acanthocryptus quadrispinus ♂ & ♀, ant. 28 & 24.
Stylocryptus cf. profligator – a dark ♂, ant. 26.

Pimpla cf. [illegible] very small ♀.
P. didyma Grav. ♂ : ant 19-seg. + very short: fide J. F. Perkins April 1961.
[illegible] : neither retd.
[illegible] ♀ : not retd.
[illegible] erythraeus ♀, ant. 35.
[illegible] sp. ♂, ant. 29 · red abd., black hind femora!
[illegible] (Alexeter) fallax ♀, ant. 44
[illegible] ♀, not retd.
[illegible] ♀, not retd. Miomerus agrisgravensis ♀, ant. 16.
[illegible] very abundant, many ♀ [illegible],
35 [illegible] : none retd.
Bracon fulvipes complex abundant [illegible]
[illegible] : 13 retd.

B. fulvipes ♂, ant. 36; 3 ♀♀, ant. 32, 33, 35: these I regard as typical fulvipes!
B. sp. like last, but smaller & darker: possibly bred from different host: 2 ♂♂, ant. 32 & 35; 3 ♀♀, ant. 29, 29 & 32.
B. rugosulus Hal.? 2 ♀♀, ant. 23 & 24.
B. fraudator var.? semi-pale hind femora. ♀, ant. 26; but propodeum not quite smooth & polished.
Also ♂, ant. 31.

12.6.52, cont. The Murrough, Co. Wy, cont.
[illegible]
6 2.
[illegible] cf. [illegible] ♂♀; only 1 retd.
Perilitus cf. rutilus ♀, small, ant. 23.
Dinocampus [illegible] ♀, not retd. D. [illegible] 2 ♀♀: none retd.
[illegible] 3: none retd.
Dacnusa (Chorebus) scabrifrons, small ♂, ant. 22.
Dacnusa cyclops, not retd. D. areolaris 4: not retd.
[No Aphidiid!]
Procto. 6.

Chalcid. 5.
Sawflies 4: 1 retd. = Pachynematus kirbyi (= diaphanus)?, ♀

Diptera 8 including [illegible] Stag. ♂ fide R. L. C. [illegible]
Also 1 minute fly retd. =
and also a ♂ Thereva annulata
Coleoptera 3: only 1 Coccinelid retd. =

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11th August 1952. Collected in Garden of 14 Clareville Road, Harold's Cross Dublin
[[illegible] 4 these labelled on 16·3·61.]

Leptocryptus ♂, ant. 26.
[illegible] ♂, ant. 20
Homocidus pulcher ♂, ant. 22
Angitia [illegible]? ♂, ant. 26.
[illegible] [illegible]?? ♂, ant. 29.
Dipteron = Phorid.
Cynipid : minute : wingless =

Apanteles rubripes Hal.? ♀
Opius spretus Hal. ♀, ant. 32 – very nice specimen!

Rev. W. W. Martin, Broadymead, Gidleigh, Chagford, Devon.

[illegible]
[illegible]
[illegible]
[illegible]
[illegible] England [illegible].